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An analysis of the misspellings of the rural school pupils of San Bernardino County, California.

By

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Thesis

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Approved.....F. W. Hart.....
Instructor in Charge.

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The Problem Stated.

To make an analysis of the spelling of the children of the smaller rural schools of San Bernardino County, California : To determine ;(a) their ability to spell, and (b) the nature of their misspellings.

Introduction.

San Bernardino County is one of the largest counties in the United States. Beginning about thirty-six miles east of Los Angeles it extends to the eastern boundary of the State of California, and embraces an area of 19,947 square miles.

The schools of the county are administered by a County Superintendent, who has one office assistant but no field assistant. There are several centers about which the schools are grouped more or less closely, and the superintendents of these systems are acting deputies of the County Superintendent, but work without extra compensation in this added capacity.

Supervision of the actual work of the schools is limited, and teachers are largely responsible for the product of their respective schools, especially in the rural schools.

In December,1920, Dr. Cyrus Mead of the University of California, Department of Education, distributed copies of a test throughout the state for the purpose of collecting data to be used in a comparative study of the spelling ability of pupils in grades two to nine, inclusive, in rural schools, in town schools, and in city schools. The words chosen were the last twenty words in the several columns of the Buckingham Extension of the Ayres Scale which are standardized so that

The Problem Stated.

To make an analysis of the spelling of the children of the small- rural schools of San Bernardino County, California : To determine (a) their ability to spell, and (b) the nature of their strengths.

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Introduction.

The Bernardino County is one of the largest counties in the United States. Comprising about thirty-six miles east of Los Angeles it extends to the eastern boundary of the State of California, and embraces an area of 12,317 square miles.

The schools of the county are administered by a County Superintendent, who has one office assistant but no field assistant. There are several counties about which the schools are grouped more or less closely, and the superintendents of these districts are acting deputies of the County Superintendent but very without extra compensation in this added capacity.

Supervision of the actual work of the schools is limited, and teachers are largely responsible for the product of their respective schools, especially in the rural schools.

In December,1920, Dr. Lyman Hull of the University of California, Department of Education, distributed copies of a test throughout the state for the purpose of collecting data to be used in a comparative study of the spelling ability of pupils in grades six to nine, inclusive, in rural schools, in town schools, and in city schools. The words chosen were the last twenty words in the several columns of the Ballinger-Ashbaugh Revision of the Ayres Scale which are standardized so that

the given class may be expected to spell 73 per cent of the words correctly.

All of the schools of San Bernardino County except three small schools returned the papers of the pupils for use in the investigation. These papers came into the hands of the writer who obtained permission of Dr. Mead to make the special study here presented.

The first part of the study dealt with the marks of the pupils as individuals, by grades, and by schools. When these marks were compared to the standard 73 per cent it was evident that a further study of the spellings would enable us to classify the misspellings and thus analyze these as a means of improving the spelling. A similar study had been made a few years before in a school of about a thousand elementary pupils, so it was determined at this time to make the study based on the work of the rural schools of the County. In the report of the misspellings we have considered only schools of less than four teachers, with one exception which is noted later.

The Test.

The following instructions for giving the tests were sent from the University by Dr. Mead :-

Instructions ;

"Give the list of twenty words to the grades designated as near December 10th, 1920 as is practicable. Do no teaching of the words. Provide your class with such materials as they regularly use in a spelling lesson. Dictate the spelling lists, to the proper grades, as you would ordinarily in a written spelling period. If necessary, you may use a word in a sentence in order to make clear its meaning. Have the pupils spell, however, only the word. Collect and mark all papers on the percentage basis, five for each correctly spelled word. An omitted word should count as an incorrect spelling. It is not probable that many pupils will spell correctly all the words of their list. "

the given class was to expected to spell 75 per cent of the words correctly.

All of the schools of the Jamestown County course were small schools typical of the people of the pupils for use in the investigation. These papers came into the hands of the writer who obtained permission of Dr. Shaw to make the special study here presented.

The first part of the study deals with the marks of the pupils on individuals, by grades, and by schools. Then these marks were compared to the standard 75 per cent in one evident that a further study of the spelling would enable us to classify the misspellings and then analyze them as a means of improving the spelling. A similar study has been made a few years before in a school at Kent a thousand elementary pupils, so it was determined at this time to make the study based on the work of the rural schools of the County. In the report of the misspellings we have considered only words of less than four syllables, with one exception which is noted later.

The Test.

The following instructions for giving the tests were sent from the University by Dr. Shaw :-

Instructions ;

"Give the list of twenty words to the grades designated on later December 10th. Use as a spelling. Insist. Testing of the words. Provide your class with such activity as they ordinarily use in a spelling lesson. Dictate the spelling lists, in the regular manner. As you would ordinarily in a written spelling period. If necessary, you may use a word in a sentence in order to make clear its meaning. Have the pupils spell. Never, only by word. Dictate and work all words on the pages covering lists, five for each correctly spelled word. An omitted word should count as an incorrect spelling. It is not possible that many pupils will spell correctly all the words of their list."

The Word Lists. (By Grades).

Second.	Third.	Fourth.	Fifth.
very	third	needle	dangerous
or	push	nobody	debt
thank	point	oar	dried
dear	within	palace	exercise
west	done	penny	grammar
sold	body	pitcher	Indian
told	belongs	regualr	journey
best	cheese	repeats	laid
form	earn	reprove	onion
far	feather	sailor	praise
gave	fence	sentence	properly
alike	honey	shining	salary
add	letters	surface	searched
brave	orange	sweeping	smooth
corn	pocket	sweeps	thirteen
dance	shoes	thief	touch
dinner	stairs	waist	towel
egg	stream	waiting	umbrella
looks	tiny	weary	veal
rich	words	writing	weapon

Sixth.	Seventh.	Eighth.	Ninth.
grocery	elegant	cordially	counterfeit
handkerchief	emperor	character	dessert
listened	excellent	separate	digestible
loose	grateful	February	immense
morsel	heir	antique	leopard
nickel	hoarse	bicycle	marmalade
niece	icicle	calendar	millionaire
pistols	ignorance	consequence	mucilage
purchased	interfere	disease	orchestra
quarrel	musician	fatigue	parliament
recess	neutral	foreigners	perceived
saucer	patience	grease	possess
sleigh	pigeons	isthmus	precipice
society	rehearse	nonsense	recommended
source	reverence	resources	resemblance
speech	saucy	science	restaurant
steak	siege	secrecy	seized
telephone	vegetable	sensible	superintendent
trolley	veil	vehicle	surgeon
whistle	wretch	vicinity	thoroughly

The Word Lists. (By Grades).

Second.	Third.	Fourth.	Fifth.
very	which	media	conference
or	week	widely	lady
about	point	air	global
least	within	policy	activism
was	long	party	crowded
will	body	village	inside
tell	balloon	remedy	journey
best	change	reports	land
from	sure	reviews	media
low	frother	major	grains
open	long	backyard	properly
alike	among	sitting	salary
ago	letters	motion	material
bones	across	writing	about
some	pocket	energy	television
house	house	Chief	touch
flower	photos	major	travel
war	stores	waiting	medicine
look	ship	worry	veal
ride	warm	writing	medium

Sixth.	Seventh.	Eighth.	Ninth.
process	slaughter	overnight	scientific
mechanical	answer	centurion	dessert
thermal	original	magnets	lightning
lamps	grateful	February	lumber
patent	hair	action	tongued
plant	house	history	neutralize
alone	India	volumes	oilfields
photo	lightness	microscopes	tuition
measure	Catalyze	flavors	medicine
quarrel	martyrs	Indian	politicians
tracts	tugging	fairgrounds	personal
manner	politics	grass	poison
study	Africa	Indians	physics
Malay	reverse	monarchs	recommend
across	revolution	Tennessee	remarkable
crowd	money	minerals	recommend
place	clean	scenery	metal
telephone	vaughnia	mobile	experimental
tuition	fuel	vehicle	engines
minute	meter	vicinity	thoroughly

These words are the last twenty words of the Buckingham Extension of the Ayres Scale in the columns as follows :-

Second Grade List, Column I; Third Grade List, Column L; Fourth, O; Fifth, Q ; Sixth, S ; Seventh, U ; Eighth , W ; and Ninth, Y.

Number of Schools Tested.

Thirty-eight one-room schools, thirteen two-room or three-room schools and twelve town and city schools having four or more teachers sent papers written by their pupils in response to the request to take part, or tabulated reports of the work done by the pupils. The following table indicates the results of the test for the entire county.

These results are the last twenty words of the Punctuation Dictation of the Upper Grade in-the column as follows :-

Second Grade Class, Column 1; Third Grade Class, Column 1; Fourth, 4; Fifth, 2 ; Sixth, 3 ; Seventh, 0 ; Eighth , 8 ; and Class, 1.

Number of Schools Tested.

Thirty-eight one-room schools, thirteen two-room or three-room schools and twelve town and city schools having four or more teachers took power writing by their pupils in response to the request to take part, or tabulated reports of the work done by the pupils. The following table indicates the results of the test for the entire county.

Table I.

Showing the number of pupils in each grade who spelled no word correctly, one word correctly, two words correctly, etc.

No. of words spelled correctly.	Grade II	III	IV	V	VI	VII	VIII	IX	Totals
0	90	59	24	6	7	18	3	12	219
1	78	72	44	24	23	30	7	20	298
2	62	72	65	32	32	34	18	14	329
3	68	84	61	40	26	30	19	31	359
4	78	93	74	52	24	42	34	36	433
5	81	74	66	63	47	54	29	57	471
6	65	81	73	59	39	48	38	57	460
7	76	57	66	61	45	50	47	54	456
8	56	80	87	76	50	59	52	52	512
9	63	68	58	67	57	49	53	70	485
10	62	56	58	69	62	58	50	51	466
11	53	58	68	73	56	60	63	43	474
12	60	55	48	64	70	51	49	48	445
13	57	53	75	65	80	66	53	43	492
14	55	51	59	76	67	70	41	40	459
15	60	45	46	53	82	56	70	34	446
16	45	40	42	87	78	41	76	37	446
17	48	36	47	75	100	34	52	25	417
18	42	31	29	55	57	37	58	21	330
19	36	33	24	39	48	26	47	9	262
20	27	26	13	10	20	9	22	1	128
Totals	1262	1224	1127	1146	1070	922	881	755	8387

Table I.

Showing the number of pupils in each grade who qualified as word accurately, see word correctly, see words accurately, etc.

No. of words qualified accurately.	Grade								
	II	III	IV	V	VI	VII	VIII	IX	Totals.
0	30	39	24	6	7	12	5	14	137
1	18	32	46	22	23	20	7	22	190
2	22	36	63	21	32	24	12	14	220
3	22	34	63	44	25	21	17	17	239
4	18	32	34	32	34	22	24	24	223
5	21	14	22	23	47	24	29	27	211
6	23	21	23	27	27	41	25	22	220
7	16	27	22	21	45	30	47	24	232
8	26	5	27	24	2	27	29	22	212
9	28	22	20	23	27	49	23	24	223
10	22	24	27	22	22	21	20	27	182
11	22	24	27	23	26	21	22	22	224
12	20	22	22	24	24	21	49	22	223
13	27	21	23	23	20	20	23	23	201
14	22	24	23	23	27	21	21	21	229
15	21	23	22	22	22	23	23	24	222
16	23	22	22	27	27	21	23	27	222
17	24	22	23	23	22	22	22	23	217
18	22	21	22	23	27	23	23	21	192
19	24	22	24	23	22	22	27	2	186
20	27	24	23	21	22	2	22	1	182
Totals	1020	1122	1164	1020	1122	1020	1122	1020	

Table I reads as follows :-

90 pupils in the second grade spelled "0", no word, correctly; 78 pupils spelled one word correctly ; 62 spelled two words correctly, etc.

1262 second grade pupils were tested.

Reading across the top row of figures :-

90 pupils in the second grade spelled no word correctly ; 59 third grade pupils spelled no word correctly ; etc. a total of 219 pupils spelled no word correctly.

The total number of pupils tested in all grades was 8,387.

Table I reads as follows :-

90 pupils in the second grade spelled "0", no word, correctly;
72 pupils spelled one word correctly ; 62 spelled two words correctly, etc.

1262 second grade pupils were tested.

Reading across the top row of figures :-

90 pupils in the second grade spelled no word correctly ;
77 third grade pupils spelled no word correctly ; etc.
a total of 216 pupils spelled no word correctly.

The total number of pupils tested in all grades was 6,327.

Table II.

Showing by grades :- (a) the number of pupils tested ; (b) the number of words spelled correctly by all the pupils of the grade ; and , (c) the average number of words spelled correctly per pupil.

Part "A", data for one - room (one teacher) schools;
Part "B", data for the entire county (8,387 pupils.).

Part "A"

Grade.	No. of Pupils.	Total No. of Correct Words.	Average No. of correct words per pupil.
II	69	675	9.78
III	58	525	9.05
IV	71	766	10.79
V	54	540	10.11
VI	64	735	11.48
VII	30	371	12.37
VIII	27	343	12.70
IX	1	18	18.00

Part "B"

II	1262	10,874	8.62
III	1224	10,240	8.37
IV	1127	10,205	9.05
V	1146	12,280	10.71
VI	1070	12,542	11.72
VII	922	9,264	10.04
VIII	881	10,402	11.81
IX	755	7,124	9.44

Table II reads as follows :- (Part "A") 69 pupils in the second grade, in one teacher schools spelled 675 words correctly; this is 9.78 words per pupil, out of a possible 20. (Part "B") 1262 pupils in the second grade in the entire county spelled 10,874 words correctly. This is an average of 8.62 words per pupil.

The standard for each grade is 14.60 words out of a possible 20 words pronounced to each pupil.

Table II.

Showing by grades :- (a) the number of pupils tested ; (b) the number of words spelled correctly by all the pupils of the grade ; and , (c) the average number of words spelled correctly per pupil.

Test "A". Data for one - week (one session) subsidy.
Test "B". Data for the entire county (1,357 pupils).

Test "A"

Grade.	No. of Pupils.	Total No. of Words Tested.	Average No. of words spelled per pupil.
II	49	475	9.70
III	52	[illegible]	3.05
IV	71	764	10.75
V	74	[illegible]	10.11
VI	64	755	11.42
VII	50	711	14.27
VIII	27	[illegible]	16.70
IX	1	10	10.00

Test "B"

Grade.	No. of Pupils.	Total No. of Words Tested.	Average No. of words spelled per pupil.
II	1402	10,974	8.02
III	1324	10,280	8.77
IV	1127	10,275	9.09
V	1140	12,250	10.37
VI	1070	12,542	11.72
VII	725	9,261	16.04
VIII	587	10,402	17.71
IX	135	1,154	8.55

Table II reads as follows :- (Test "A") 49 pupils in the second grade, in one teacher schools spelled 475 words correctly this is 9.70 words per pupil, out of a possible 20.

(Test "B") 1402 pupils in the second grade in the entire county spelled 10,974 words correctly. This is an average of 8.02 words per pupil.

The standard for each grade is 14.10 words out of a possible 20 words pronounced to each pupil.

For a more detailed report see the supplement to this general report.

The large number of misspelled words led to an inquiry as to the reasons for so many pupils falling below the standard established for the scale.

All the papers of pupils in the rural schools having less than four teachers were available for definite analysis and so the task was commenced. This task has required considerable time, but the results shown in the following pages seem to justify the claim that a contribution has been made to the information already obtained from analyses of the misspellings of school pupils. The claim is made here because the study has been made of the errors of rural pupils coming from widely different situations, from many teachers and therefore typical of children generally.

The word lists of the children in the Chino Schools have been included in the tabulations of the elementary grades, two to eight, inclusive.

The analysis of the Ninth Grade misspellings is made from the papers of the Ninth Grade pupils of the Chaffey Union High School District - this district draws its pupils from eight rural and town districts regularly, while many pupils are added incidentally, i.e. pupils whose parents have moved into the district from other districts, counties or states.

The a more detailed report see the supplement to this general report.

The large number of disqualified votes led to an inquiry as to the reasons for so many pupils failing below the standard established for the tests.

All the papers of pupils in the rural schools having less than four teachers were available for detailed analysis and so the task was commenced. This was too regarded considerable time, but the results shown in the following pages seem to justify the claim that a satisfactory has been made to the information already obtained from analyses of the disqualifications of school pupils. The claim is made here because the study has been made of the errors of rural pupils coming from widely different situations, from many teachers and therefore typical of children generally.

The most lists of the difficulties in the Ontario Schools have been included in the tabulations of the elementary problems, in eight, inclusive.

The analysis of the Rural Ontario disqualifications is made from the papers of the Ninth Grade pupils of the Oxford Twin High School District - this district lacks the pupils from which rural and town districts respectively, while many pupils are still isolatedly, i.e. pupils whose parents have moved into the district from other districts, counties or states.

Table III.

Showing :- (a) the number of schools represented in the analytic study; (b) the number of teachers having pupils in the given grades ; (c) the number of pupils whose papers were used in the analysis ; (d) the average number of times each word was omitted by the grade group ;(e) the standard deviation of each group from the average number of times the words were omitted, (the sigma, or standard deviation was found by obtaining the square root of the arithmetic mean of the squares of the deviations from the average of the distribution.) ;

(f) the per cent of words dictated to each grade which were omitted from the papers returned, i.e. the per cent of words which the pupils of the grade did not even attempt to spell.

Gr.	No. of schools represented.	No. of teachers in these schools.	No. of pupils tested.	Total words omitted.	Average No. of times each word was omitted.	Standard Deviation.	Per-cent of words omitted.
II	38	39	214	1552	77.6	7.2	36.3
III	35	36	209	616	30.8	6.6	14.3
IV	42	44	221	680	34.0	5.6	1544
V	38	39	185	348	17.4	3.5	9.4
VI	34	35	185	530	26.5	4.8	14.3
VII	25	25	119	600	30.0	7.1	25.2
VIII	27	27	107	130	6.5	3.9	6.1
IX	1	3	230	382	19.1	8.0	8.3

Table III reads as follows :- In the analysis of misspellings of second grade pupils the papers from 38 schools were used; these 38 schools had 39 teachers doing second grade work ; there were 214 pupils in the second grade, these pupils omitted 1552 words from their written work; the average number of times each, of the 20 words pronounced, was omitted was 77.6 by 214 pupils ; the average variation from this average was 7.2 (the standard deviation or sigma) ; the per cent of words omitted by the second grade group was 36.3 .

Table XIX.

Showing :- (a) the number of schools represented in the analytic sample; (b) the number of teachers having pupils in the given grades ; (c) the number of pupils whose papers were used in the analysis ; (d) the average number of times each word was omitted by the pupils group ;(e) the standard deviations of each group from the average number of times the words were omitted, (the sigma, or standard deviation was found by obtaining the square root of the arithmetic mean of the squares of the deviations from the average of the distribution.) ;

(f) the per cent of words listened to each grade which were omitted from the papers returned, i.e. the per cent of words which the pupils of the grade did not even attempt to spell.

Gr.	No. of schools represented.	No. of teachers in these schools.	No. of pupils whose papers were used.	Total words omitted.	Average No. of times each word was omitted.	Standard deviation.	Per-cent of words omitted.
II	21	29	574	1,590	77.2	7.1	36.3
III	32	34	549	633	30.7	5.0	14.3
IV	49	44	521	640	34.0	5.5	19.4
V	36	29	465	543	17.4	3.5	5.4
VI	34	35	425	374	16.5	4.8	14.3
VII	25	25	419	590	20.0	7.1	15.4
VIII	27	27	407	130	5.5	3.7	2.1
IX	1	3	239	560	17.1	6.0	5.3

Table XIX reads as follows :- In the analysis of misspelling of second grade pupils the papers from 29 schools were used; 29 schools had 29 teachers doing second grade work ; there were 574 pupils in the second grade, these pupils omitted 1590 words from their written work; the average number of times each of the 29 words omitted, was omitted was 77.2 by 574 pupils ; the average variation from this average was 7.1 (the standard deviation or sigma) ; the per cent of words omitted by the second grade group was 36.3 .

Table IV.

Showing :- (a) the total number of words spelled correctly by each grade (same number of pupils as shown in Table III) ; (b) the average number of times each word was correctly spelled; (c) the standard deviation from "b" ; (d) the per cent of words spelled correctly by the grade group.

Grade.	Total No. of words spelled correctly.	Average No. of times each word was spelled correctly.	Standard Deviation.	Per cent of words pronounced which were spelled correctly.
II	1054	52.7	18.0	24.4
III	1296	64.8	31.1	31.0
IV	1588	79.4	26.7	35.9
V	1814	90.7	21.9	49.0
VI	1908	95.4	19.0	51.6
VII	1058	52.9	14.1	44.5
VIII	1190	59.5	15.1	55.6
IX	1930	96.5	32.4	41.9

Table IV reads as follows :- the 214 pupils of the second grade spelled 1054 words correctly (out of a possible 4280, i.e. 20 times 214) ; the average number of times each word was spelled correctly by the pupils of the second grade was 52.7 ; the standard deviation, in the second grade, from the average number of times each word was spelled correctly was 18.0 ; the per cent of the entire number of words pronounced to the second grade which they spelled correctly was 24.4 .

Table IV.

Showing :- (a) the total number of words spelled correctly by each grade (same number of pupils as shown in Table III) ; (b) the average number of times each word was correctly spelled; (c) the standard deviation from "M" ; (d) the per cent of words spelled correctly by the grade group.

Grade.	Total No. of words spelled correctly.	Average No. of times each word was spelled correctly.	Standard Deviation.	For each of words pronounced which were spelled correctly.
II	1054	32.7	16.0	24.4
III	1924	64.8	37.1	37.0
IV	1300	72.4	26.7	35.9
V	1614	90.7	21.9	49.0
VI	1902	93.4	19.0	51.6
VII	1939	92.7	14.1	44.5
VIII	1190	56.5	13.1	35.6
IX	1930	56.5	34.4	41.9

Table IV reads as follows :- The 214 pupils of the second grade spelled 1054 words correctly (out of a possible 428, i.e. 20 times 214) ; the average number of times each word was spelled correctly by the pupils of the second grade was 32.7 ; the standard deviation, in the second grade, from the average number of times each word was spelled correctly was 16.0 ; the per cent of the entire number of words pronounced to the second grade which, they spelled correctly was 24.4 .

Table V.

Showing :- (a) the total number of words misspelled, by grades; (b) the average number of times each word was misspelled; (c) the standard deviation from "b" ; (d) the per cent of words misspelled. (Same number of pupils as in Tables III & IV).

Grade.	Total No. of words misspelled.	Average No. of times each word was misspelled.	Standard Deviation.	Per cent of words pronounced which were misspelled.
II	1686	84.3	14.9	39.4
III	2260	113.5	27.0	54.0
IV	2148	107.4	25.9	48.6
V	1540	77.0	20.8	41.6
VI	1266	63.3	15.9	34.2
VII	702	35.1	11.0	29.5
VIII	822	41.0	13.4	38.3
IX	2290	114.5	33.0	49.8

Table V reads as follows :- 1686 words were misspelled by the 214 pupils in the second grade, out of a possible 4280 (20 times 214) words ; each of the 20 words was missed an average of 84.3 times by the 214 pupils of the second grade; the standard deviation (sigma) from this average number of times was 14.9 ; in the second grade 39.4 per cent of the words pronounced were actually misspelled.

Table V.

Showing :- (a) the total number of words misspelled, by grades; (b) the average number of times each word was misspelled; (c) the standard deviation from "M" ; (d) the per cent of words misspelled. (Same number of pupils as in Tables III & IV).

Grade.	Total No. of words misspelled.	Average No. times each word was misspelled.	Standard Deviation.	Per cent of words pronounced which were misspelled.
II	1656	56.3	16.3	37.4
III	2160	73.3	17.8	54.0
IV	2144	107.4	23.7	48.6
V	1980	77.0	20.8	41.0
VI	1864	83.3	17.7	34.2
VII	752	33.1	11.0	29.3
VIII	800	41.0	13.4	26.7
IX	2290	116.3	32.0	49.8

Table V reads as follows :- 1656 words were misspelled by the 274 pupils in the second grade, out of a possible 4928 (28 lines (14) words ; each of the 28 words was misspelled an average of 56.3 times by the 274 pupils of the second grade; the standard deviation (sigma) from this average number of times was 16.3 ; in the second grade 37.4 per cent of the words pronounced were actually misspelled.

Table VI.

Showing :- the per cent of words in each grade which were; (a) spelled correctly, (b) omitted, (c) misspelled.

Also, the number of pupils tested in each grade.

Grade.	No. of pupils tested.	Per cent of words pronounced which were spelled correctly.	omitted.	misspelled.
II	214	24.4	36.3	39.4
III	209	31.0	14.3	54.3
IV	221	35.9	15.4	48.6
V	185	49.0	9.4	41.6
VI	185	51.6	14.3	34.2
VII	119	44.5	25.2	29.5
VIII	107	55.6	6.1	38.3
IX	230	41.9	8.3	49.8

Table VI reads as follows :- there were 214 pupils in the second grade who had 20 words pronounced to them ; of these 4280 possible spellings, 24.4 per cent were spelled correctly, 36.3 per cent were omitted, i.e. not even attempted by the pupils of the second grade, and 39.4 per cent were attempted but misspelled.

Table VI.

Showing :- the per cent of words in each grade which were;

(a) spelled correctly. (b) omitted. (c) misspelled.

Also, the number of pupils tested in each grade.

Grade.	No. of pupils tested.	For each of words pronounced which were: spelled correctly.	omitted.	misspelled.
II	214	64.4	16.3	19.4
III	209	51.0	14.7	34.3
IV	221	55.7	13.4	30.9
V	185	49.0	9.4	41.6
VI	185	51.6	14.3	34.2
VII	117	44.3	23.4	32.3
VIII	107	55.4	6.4	38.3
IX	130	41.7	6.3	52.0

Table VI reads as follows :- There were 214 pupils in the second grade who had 40 words pronounced to them ; of these 137 possible spellings, 64.4 per cent were spelled correctly, 16.3 per cent were omitted, i.e. not even attempted by the pupils of the second grade, and 19.4 per cent were attempted but misspelled.

Table VII.

Showing :- (a) the number of pupils tested ; (b) the average number of ways the pronounced words were misspelled ; (c) the standard deviation(sigma) from the average shown in "b"; (d) the average number of times a misspelled form occurred with a frequency of but one ; (e) the standard deviation from the average shown in "d".

Grade.	No. of pupils tested.	Average No. of ways missed.	Standard Deviation.	Average No. of times a wrong form appeared but once.	Standard Deviation.
II	214	49.4	8.2	40.0	6.9
III	209	53.8	13.4	41.4	11.4
IV	221	50.4	19.2	39.0	16.3
V	185	34.0	13.3	25.5	10.8
VI	185	25.8	10.2	18.7	8.2
VII	119	17.4	5.5	12.0	4.6
VIII	107	21.5	10.8	16.3	9.8
IX	230	31.2	14.9	18.5	10.3

Table VII is read as follows :- the 214 pupils in the second grade missed the 20 words pronounced to them an average of 49.4 different ways, i.e. they used on the average 49.4 different ways of spelling the pronounced words, all of which were incorrect forms ; the standard deviation (sigma) from this average was 8.2 words or forms ; there was an average of 40.0 different forms used in these misspellings which occurred but once for the word pronounced ; the standard deviation (sigma) from this average was 6.9 times .

Table VII.

Showing :- (a) the number of pupils tested ; (b) the average number of ways the presented words were misspelled ; (c) the standard deviation(sigma) from the average shown in "b"; (d) the average number of times a misspelled form occurred with a frequency of but one ; (e) the standard deviation from the average shown in "d".

Grade.	No. of pupils tested.	Average No. of ways misspelled.	Standard Deviation.	Average No. of times a word form appeared but once.	Standard Deviation.
II	214	49.4	8.2	20.0	6.9
III	209	33.8	13.4	14.4	11.4
IV	221	30.4	19.2	29.0	15.3
V	185	34.0	13.3	25.3	16.7
VI	185	25.8	10.5	16.7	8.2
VII	115	17.4	5.3	12.0	4.4
VIII	107	21.3	10.6	16.3	9.5
IX	230	31.5	14.7	16.3	10.4

Table VII is read as follows :- the 214 pupils in the second grade misspelled the 30 words presented to them an average of 49.4 different ways. i.e. they used on the average 49.4 different ways of spelling the presented words, all of which were incorrect forms ; the standard deviation (sigma) from this average was 8.2 ways or forms ; there was an average of 20.0 different forms used in these misspellings which occurred but once for the word presented ; the standard deviation (sigma) from this average was 6.9 times .

Table VIII.

Showing :- (a) the number of possible spellings per grade; (b) the number of words per thousand words pronounced which were attempted by the pupils (this provides a comparative basis) ; (c) the number of words per thousand missed because the pupil spelled another word sounding like the pronounced word ; (d) the number of words per thousand which were recognizable as actual words, but not sounding like the pronounced word, simply misunderstood; (e) the number of words per thousand which were merely jumbles of letters, not readily recognizable as real words.

Grade.	No. of possible spellings.	No. of words per 1000 attempted.	Number of words per thousand misspelled apparently because they were homonyms.	misunderstood.	confused.
II	4280	640	1	76	161
III	4180	851	16	73	31
IV	4420	845	29	39	44
V	3700	906	4	16	34
VI	3700	858	33	9	11
VII	2380	740	24	13	14
VIII	2140	940	2	4	13
IX	4600	917	29	4	2
Average....		837.1	17.1	29.5	38.3
Stand. Dev.		92.7	12.6	27.9	48.0

This table reads as follows :- twenty words pronounced to each of the 214 pupils in the second grade made possible 4280 spellings; of that number the grade actually attempted to spell 640 words per 1000 (the number correct plus the number misspelled divided by 4.280) ; of the number of words missed in the second grade, 1 word per 1000 , was a homonym ; 76 words per 1000 were actual words in form but were not the pronounced words ; 161 words per 1000 were not recognizable as words, but a jumble of letters.

Table VIII.

Meaning :- (a) the number of possible spellings per grade; (b) the number of words per thousand words pronounced which were attempted by the pupils (this provides a comparative basis) ; (c) the number of words per thousand missed because the pupil spelled another word resembling like the pronounced word ; (d) the number of words per thousand which were recognizable as actual words, but not resembling like the pronounced word, simply misunderstood; (e) the number of words per thousand which were merely legible of letters, not really recognizable as real words.

Grade.	No. of possible spellings.	No. of words per (000) attempted.	Number of words per thousand misspelled because they were phonetically.		misunderstood.
II	4320	640	1	76	16
III	4180	621	16	73	14
IV	4120	642	25	39	40
V	3720	906	4	16	34
VI	3700	829	13	9	11
VII	3280	748	44	15	10
VIII	3140	940	2	4	13
IX	4500	917	23	4	4
Average....		807.1	17.1	29.5	32.3
Stand. Dev.		124.1	14.6	27.9	18.3

This table yields to Tables :- twenty words pronounced to each of the 2144 pupils in the second grade made possible 4320 spellings; of that number the pupils actually attempted to spell 640 words per (000) (the number correct plus the number misspelled divided by 4,320) ; of the number of words misspelled in the second grade, 1 word per (000) , was a homonym ; 76 words per (000) were spelled words in form but were not the pronounced words ; 16 words per (000) were not recognizable

Table IX.

Showing :- the number of times per thousand misspelled words the following types of errors appear : (a) having vowel errors ; (b) having consonant errors ; (c) having errors in endings ; (d) having errors due to silent letters; (e) having capital letter errors ; (f) having transposed letters ; (g) having errors due to length of word.

Number of errors per 1000 due to difficulty in use of

Gr.	vowels.	consonants.	endings.	silent letters.	capital letters.	transposed letters.	error due to word length.
II	238	217	8	39	4	4	0
III	421	224	45	77	5	12	7
IV	403	232	15	95	1	15	9
V	329	131	10	98	6	26	20
VI	205	142	19	10	0	52	8
VII	255	126	3	50	1	11	3
VIII	282	199	1	68	0	2	18
IX	436	241	13	19	0	40	19
Aver.	321.1	189.9	14.0	57.0	2.1	20.3	10.5
S.D.	76.1	45.0	12.0	30.9	2.3	16.7	7.1

Table IX reads as follows :- the errors in spelling in the second grade are as follows ; 238 misspellings per 1000 words pronounced were due to errors in the use of vowels, 217 errors due to use of consonants, 8 per 1000 due to errors in endings, 39 due to use of silent letters, 4 due to capital letters, 4 due to transposition of letters, and 0 due to the length of the word.

TABLE IX.

Grading :- the number of times per thousand stenographic words the following types of errors occur : (a) having vowel errors ; (b) having consonant errors ; (c) having errors in endings ; (d) having errors due to silent letters ; (e) having omitted initial errors ; (f) having transposed letters ; (g) having errors due to length of word.

Number of errors per 1000 due to difficulty in one of the following grounds.

	Vowels.	Consonants.	Endings.	Silent letters.	Omitted initial letters.	Transposed letters.	Length of word.
II	278	217	6	39	4	4	0
III	421	224	49	77	5	12	7
IV	483	232	15	32	1	15	3
V	329	137	10	98	6	16	20
VI	205	143	15	10	0	25	3
VII	285	126	3	30	1	11	3
VIII	282	137	1	40	0	2	18
IX	496	241	13	19	0	20	19
Average.	341.1	185.7	14.2	37.4	2.1	20.7	10.3
S.D.	78.1	43.0	12.6	30.9	2.3	16.7	7.1

Table IX reads as follows :- the average in spelling in the second grade was as follows : 278 misspellings per 1000 words pronounced were due to errors in the use of vowels, 217 errors due to use of consonants, 6 per 1000 due to errors in endings, 39 due to use of silent letters, 4 due to omitted letters, 4 due to transpositions of letters, and 0 due to the length of the word.

The Standards set up for classifying misspellings.

The following classification is the basis upon which the words grouped in the tabulations of Tables VIII and IX.

The misspelled words fall naturally into two groups which again are readily broken into smaller groups as indicated.

I. When the pupil attempts to spell a word other than the word actually pronounced :-

A. When the word spelled by the pupil is a word that sounds like the word pronounced, a homonym. Example ; word pronounced, d-e-a-r ; word actually written , d-e-e-r.

B. When the word actually written is a good English word or is so nearly correct as to indicate what the child intended to write, the result being an entirely different word to the word pronounced. Example : word pronounced, w-a-s ; word written, w-e-s-t.

C. When the result of the pupil's effort is simply a jumble of letters not readily recognizable as a definite word , in place of the word pronounced. Example : word pronounced, s-o-l-d ; word,or rather letters, written, u-o-a-t-e.

II. When the child was evidently trying to spell the word actually pronounced:-

A. An error in the vowels of the word.

a. By use of the wrong vowel.

b. By adding a vowel.

c. By omitting a vowel.

B. A consonant error.

a. By using a wrong consonant.

b. By adding one or more consonants.

c. By doubling consonants or failing to do so.

The examples are so far classifying observations.

The following classification is the basis upon which the work presented in the tabulations of Tables VIII and IX.

The misspelled words fall naturally into two groups which again are readily broken into smaller groups as indicated.

I. When the pupil attempts to spell a word other than the word actually pronounced :-

A. When the word spelled by the pupil is a word that sounds like the word pronounced, a homonym. Example : word pronounced, d-e-e-r ; word actually written , d-e-e-r.

B. When the word actually written is a good English word or is so nearly correct as to indicate that the child intended to write, the result being an entirely different word to the word pronounced. Example : word pronounced, w-a-s ; word written, w-o-n-t.

C. When the result of the pupil's effort is simply a jumble of letters not readily recognizable as a definite word , in place of the word pronounced. Example : word pronounced, s-c-l-h ; word, or rather letters, written, s-c-h-o-o.

II. When the child was evidently trying to spell the word actually pronounced:-

A. In error in the vowels of the word.

a. By use of the wrong vowel.

b. By adding a vowel.

c. By omitting a vowel.

B. A consonant error.

a. By using a wrong consonant.

b. By adding one or more consonants.

c. By leaving consonants or failing to do so.

d. By omitting consonants.

C. Error in ending.

a. Use of singular for plural, or vice versa.

b. Use of past tense for present, or the reverse.

c. An occasional "ing" or similar ending not belonging.

D. Errors due to silent letters.

a. Silent letters omitted.

b. Letters added, but silent.

E. Errors in the use of capital letters.

a. A capital letter used where a small letter was required.

b. A small initial letter where a capital was required.

F. Transposed order of letters in the word, i.e. all the letters were used but not in proper sequence. Example: word pronounced , s-i-l-e-n-t ; written form, s-i-e-l-n-t.

G. Errors due to length of word as evidenced by :-

a. Omission of part of the word, letters or syllables.

b. Addition of letters, particularly of syllables.

c. Confusion of letters or syllables.

Note. In classifying the errors a given form of misspelling might be classed under several headings, e.g.;word pronounced, t-r-y ; written form t-r-i-e-s . This misspelling contains three types of errors and would be counted in each group , vowel error, consonant error, and error in ending.

d. By omitting consonants.

7. Errors in spelling.

a. Use of singular for plural, or vice versa.

b. Use of past tense for present, or the reverse.

c. An occasional "slip" or similar spelling not belonging

8. Errors due to silent letters.

a. Silent letters written.

b. Letters silent, but spoken.

9. Errors in the use of capital letters.

a. A capital letter used where a small letter was required.

b. A small initial letter where a capital was required.

10. Transposal order of letters in the word, i.e. all the letters were used but not in proper sequence. Example: word pronounced , s-i-l-e-n-t ; written form, s-i-l-e-n-

11. Errors due to length of word as evidenced by :-

a. Omission of part of the word, letters or syllables.

b. Addition of letters, particularly of syllables.

c. Insertion of letters or syllables.

Note. In classifying the errors a given form of misspelling might be placed under several headings, e.g. word pronounced, t-r-y ; written form t-r-i-e-s . This difficulty overlaps other types of errors and would be decided in each group , vowel error, consonant error, and error in spelling.

Observations Based upon the Tabulations.

The tables presented before the Eighth and Ninth were presented to form a background for these two. To obtain further information the entire contents submitted in the supplement are offered. The actual forms written by the children are shown as well as certain preliminary tables.

Besides the data contained in the main report and in the supplement there was a great mass of material which has been excluded from this work. Much of that material has items of value which it seems proper to mention incidentally in these notes and observations.

Pupils of the second grade are in a class by themselves in most points of the analysis. This is due to several causes; they lack experience and, therefore, do nothing many times when their more experienced school mates attempt to spell a word, but commit an error instead. As an illustration of this point, it will be noted that the per cent of homonyms was small in the second grade . An experiment was made with third grade pupils to bring out this point. About a hundred of them spelled the second grade list of words. These spellings were checked and it was found that the third grade pupils erred in the matter of homonyms substituted for the pronounced words to the extent of 12 words per thousand, whereas the second grade pupils erred to the extent of but one word per thousand. The same one hundred pupils made an error in homonyms in the third grade to the extent of 14 words perthousand. Pupils in the second grade are not much encouraged to write their spelling lists in Southern California.

Observations based upon the tabulations.

The table presents below the Eight and Sixth, was presented in form a background for these two. In order further information the entire contents mentioned in the supplement are offered. The school items written by the abilities are shown as well as certain preliminary tables.

Besides the data contained in the main report and in the supplement there was a great mass of material which has been excluded from this work. Much of that material has lesser of value which it seems proper to mention incidentally in these notes and observations.

Pupils of the second grade are in a class by themselves in most points of the analysis. This is due to several causes; they lack experience and, therefore, do nothing many times when their more experienced school mates attempt to spell a word, but commit no error instead. In an illustration of this point, it will be noted that the per cent of misspelling was small in the second grade . An experiment was made with third grade pupils to bring out this point. Like a hundred of them spelled the words first of words. These spellings were checked and it was found that the third grade pupils scored in the neighborhood of misspelling potentially the same proportion words to the extent of 12 words per hundred, whereas the second grade pupils scored to the extent of ten and one half per hundred. The same can be-lief pupils made an error in misspelling in the third grade to the extent of 14 words per hundred. Pupils in the second grade are not much encouraged to write their spelling lists in sentence initiative.

There was less opportunity for homonyms in the lists of the fifth and eighth grades than in others. In all the grades the substitution of homonyms was small enough to indicate that the sentences used by the 39 teachers were well adapted to their purpose.

In all the grades the average use of some other actual word, usually properly spelled, was 30 per thousand with a standard deviation of 28. A glance at the table (VIII) indicates that the grades improve in this respect consistently, with the exception of the seventh which is slightly in excess of the sixth grade; there was one more word which caused this type of error in the seventh grade list than there was in the sixth grade list. This was proved by giving both grade lists to about fifty pupils in each of these two grades, the result being that the results were exactly reversed. It is likely that in all grades the pupils who made this type of error did so believing they were writing the word pronounced. In the lower grades there is less tendency to differentiate between vocal sounds of words pronounced as well as less experience in the use of these words.

A study of the group spellings which represent no particular actual words offers little of value to a general analysis. It is indicative of individual difficulties often. The only source of determination of what was intended by the pupil is to reconstruct his effort by a system of introspection , this seems to be valueless as the child's complexes are necessarily different to those of the adult who is doing the analytic work. Since the word the child meant to write is uncertain, the analysis is also.

There was less discrepancy for Hungarian in the lists of the fifth and eighth grades than in others. In all the grades the substitution of Hungarian was small enough to indicate that the sentences used by the 37 teachers were well adapted to their purpose.

In all the grades the average was of some other natural word, usually property qualifier, and it was accompanied with a standard deviation of 10. A glance at the table (VIII) indicates that the grades increase in this respect consistently, with the exception of the seventh which is slightly in excess of the sixth grade; there was one more word which changed this type of score in the seventh grade list than there was in the sixth grade list. This was proved by dividing both grade lists in about fifty pupils in each of these two grades, the result being that the results were exactly reversed. It is likely that in all grades the pupils use such this type of error did so believing they were writing the word preceeded. In the lower grades there is less tendency to differentiate between vocal sounds of words pronounced as well as less perception in the use of these words.

A study of the group qualifiers which represent no particular natural words others little or which is a general analysis. It is indicative of individual difficulties often. The only source of determination of what has intended by the pupil is to reconstruct his effort by a system of introspection. This seems to be valuable as the ability complexes are necessarily different to those of the adult who is doing the analyzing work. Since the word the child meant to write is uncertain. The analysis is also

In the second grade there is such a wide deviation that we can see no relation to the work of the other grades in this respect, the work of the third , fourth and fifth grades is in one class in this respect. There is a distinct improvement in the work of the sixth, seventh and eighth grades in this type of error, these again being in a class together. No doubt the broader experience of these pupils in spelling and in the use of these words brings the true word pronounced to their understanding, i.e. these pupils have a larger ability to recognize words pronounced for spelling purposes.

In considering other errors as reported in the tables given in these pages we may assume that pupils were attempting to spell the words pronounced by the teacher giving the test. The special concern of this report is with the data gathered into a classified form as shown in Table IX.

Vowel errors are the most common type and therefore present the greatest difficulties to the pupil. An inspection of the table shows that the average of the number of vowel errors lies between the fifth and sixth grades, with all in the lower grades greater in number and the entire number above being less except in the second and ninth grades.

Kallom# has pointed out that the vowels are particularly troublesome in such words as bicycle, bureau, and occurrence. In this analysis the following words were missed as indicated on account of vowel difficulties and indicate something of the extent to which the error reaches.

Arthur W. Kallom, " Some Causes of Misspellings."

In the second grade there is much a wide deviation that we see no relation to the work of the other grades in this respect, the work of the third, fourth and fifth grades is in one class in this respect. There is a distinct improvement in the work of the sixth, seventh and eighth grades in this type of error, there again being in a class together. We doubt the broader significance of these pupils in spelling and in the use of these words being the kind most necessary in their environing, i.e. these pupils have a larger ability to recognize words prescribed for spelling purposes.

In considering other errors as reported in the tables given in these pages we may assume that pupils were attempting to spell the words pronounced by the teacher during the test. The special category of this report is with the data gathered into a classified form as shown in Table XI.

Vowel errors are the most common type and therefore presented the greatest difficulties to the pupil. An inspection of the table shows that the average of the number of vowel errors lies between the fifth and eighth grades, with all in the lower grades greater in number and the entire number above being less except in the second and ninth grades.

Miller has pointed out that the vowels are particularly troublesome in such words as bluejay, terrace, and occurrence. In this analysis the following words were misses as indicated on account of vowel difficulties and indicate something of the extent to which the error predominates.

Citation 8, Table "Some Causes of Misspellings."

Table X.

Showing :- the two words in each grade misspelled most frequently because of vowel difficulty .

Grade.	Words.	Per cent of class making vowel error in this word.	Words.	Per cent of class making vowel error in this word.
II	dinner	31	dance	33
III	stream	60	honey	61
IV	surface	48	thief	55
V	grammar	49	salary	51
VI	source	34	trolley	36
VII	grateful	30	icicle	45
VIII	foreigners	41	antique	50
IX	parliament	76	marmalade	77

Table X is read as follows :- the two words most frequently misspelled in the second grade on account of vowel difficulties were dinner and dance. 31 per cent of the class whose written work was tabulated in this analysis missed the word dinner; 33 per cent misspelled the word dance.

In this test the word "bicycle" occurred in the eighth grade list. The following Table will show how the word "bicycle" ranked with other words in this group of 107 rural school pupils.

Table I.

Showing :- the two words in each group misspelled most frequently because of vowel difficulty .

Grade.	Words.	For each of class making vowel error in this word.	Words.	For each of class making vowel error in this word.
II	dinner	31	dance	33
III	stream	60	heavy	61
IV	matches	46	their	55
V	grocery	47	valuer	31
VI	centre	34	trading	36
VII	geometry	30	tonic	45
VIII	intelligent	41	antique	34
IX	preliminary	36	memorable	37

Table I is read as follows :- The two words most frequently misspelled in the second grade on account of vowel difficulties were dinner and dance. 31 per cent of the class making spelling errors misspelled in this category almost the word dinner. 33 per cent misspelled the word dance.

In this test the word "bicycle" occurred in the eighth grade list. The following table will show how the word "bicycle" ranked with other words in this group of 147 vowel school words.

Table XI.

Showing :- all of the eighth grade words which were missed more frequently than the word "bicycle" with the per cent of the class misspelling the same. (On account of vowel error.)

Word	Per cent	Word	Per cent.	Word.	Per cent.
antique	50	foreigners	41	fatigue	39
isthmus	37	consequence	33	vicinity	32
sensible	30	calendar	29	bicycle	29

Table XI reads as follows :- 50 per cent of the eighth grade rural pupils misspelled the word "antique" on account of a vowel difficulty. In the list of 20 words there were eight words as frequently or more frequently misspelled on this account than the word "bicycle" which has been pointed out by Kallom as an especially difficult word to spell from the point of view stated.

A detailed analysis of the vowel errors made by 230 ninth grade high school pupils in their attempts to spell the word "parliament " gives the following :-

32 per cent of the entire number left out the last "a".

26 per cent left out the "i".

12 per cent used "e" instead of "ia", in the middle syllable.

These mistakes make a total of 70 per cent of the class and indicate a definite, easy way of assisting the pupils to correct their error in this word. (This word is somewhat extrem, but represents the type in certain vowel difficulties.) A great improvement could be brought about by the teacher who would take a little trouble to determine the weakness.

Table II.

Spelling :- All of the eight words which were given more frequently than the word "Bicycle" with the per cent of the class misspelling the same. (Ex account of vowel error.)

Word	Per cent	Word	Per cent.	Word.	Per cent
antique	30	Temperature	41	Fatigue	37
Indians	37	Accompanied	33	Vicinity	32
essential	30	Schedule	29	Diagram	29

Table II shows as follows :- 30 per cent of the eighth grade royal pupils misspelled the word "antique" on account of a vowel difficulty. In the list of 40 words there were eight words so frequently or more frequently misspelled on this account than the word "Bicycle" which has been picked out by Dillon as an especially difficult word to spell from the point of view stated.

A detailed analysis of the vowel errors made by 24 eight grade high school pupils in their attempts to spell the word "particular" gives the following :-

32 per cent of the entire number left out the last "a".

16 per cent left out the "i".

12 per cent used "e" instead of "ie", in the middle syllable.

These mistakes make a total of 70 per cent of the class and indicate a difficulty, some way of enabling the pupils to correct their errors in this word. (This word is somewhat extreme, but representing the type in certain vowel difficulties.) A great improvement could be brought about by the teacher who

Table XII.

Showing the two words in each grade most frequently misspelled on account of consonant difficulty.

Grade.	Words.	Per cent of class making consonant error in the word shown.	Words.	Per cent of class making consonant error in the word shown.
II	dinner	32	add	35
III	fence	36	pocket	52
IV	sentence	40	pitcher	43
V	exercise	30	debt	36
VI	recess	24	quarrel	39
VII	saucy	20	excellent	24
VIII	resources	37	antique	44
IX	possess	49	mucilage	70

This table is read as follows :- the two words most frequently misspelled by pupils of the second grade were dinner and add, when viewed from the standard of consonant difficulty. 32 per cent of the class who misspelled the word "dinner" erred on account of a consonant difficulty ; 35 per cent had a consonant difficulty with the word "add."

A study of the misspellings of the word "mucilage " reveals some helpful facts. Of the 230 pupils to whom this word was pronounced, only six omitted it entirely, showing they thought they knew how to spell it or at least knew what was wanted ; only three misunderstood the word, that number used a word that was not to be identified as standing for the pronounced word. The word "mucilage " was the best understood word in

Table XIV.

Showing the ten words in each grade most frequently misspelled on account of unknown difficulty.

Grade.	Words.	For each of these words answers in the error in the word column.	Words.	For each of these words answers in the error in the word column.
II	flower	31	and	33
III	there	36	water	32
IV	mother	44	winter	43
V	school	33	then	34
VI	house	44	second	37
VII	among	34	president	44
VIII	receives	37	neither	44
IX	passed	39	examine	37

This table is read as follows :- The ten words most frequently misspelled by pupils of the second grade were flower and all, when viewed from the standpoint of unknown difficulty. 31 per cent of the times the misspelled the word "flower" owing to another of a unknown difficulty ; 33 per cent had a unknown difficulty with the word "all."

A study of the misspellings of the word "neither" reveals some helpful facts. Of the 420 pupils to whom this word was pronounced, only six omitted it entirely, showing they thought they knew how to spell it or at least knew that was wrong ; only three hesitated/ed the word, that number read a word that was not to be identified as standing for it a process not

the ninth grade list.

Of the 221 pupils who attempted to spell the word "mucilage", 38 spelled it correctly, this is 17 per cent of those attempting it ;
45 per cent substituted "s" for "c" in the first syllable;
19 per cent used "ss" for the "c";
7 per cent used a "d" in the last syllable.
Three types of errors account for 71 per cent of all the errors made in this word. It would seem to be rather a simple matter to so present the word that these difficulties could be removed.

In the word "quarrel" , pronounced in the sixth grade list, 22 per cent of the errors out of a total of 39 per cent of the pupils in the class made an error in failing to use two "r's", while 6 per cent used two "l's", showing that the idea of a double consonant was present but did not focus in the right place.

Kallom noted that the doubling of the consonant was a fruitful source of error . This analysis confirms that opinion.

These examples are plainly indicative of steps any teacher might take to improve certain types of error.

It will be noted in the table that the endings were the cause of error most frequently in the third grade. 32 per cent of this grade made errors by writing the singular instead of the plural form which was pronounced. This error can be overcome by greater care in pronouncing, by careful illustration in its use in sentences.

the sixth grade list.

Of the 221 pupils who attempted to spell the word "weather", 36 spelled it correctly, this is 17 per cent of those attempting it ;

41 per cent substituted "e" for "a" in the first syllable;

17 per cent used "ie" for the "e";

7 per cent used a "a" in the last syllable.

These types of errors account for 77 per cent of all the errors made in this word. It would seem to be rather a simple matter to so practice the most that these difficulties could be removed.

In the word "general", pronounced in the sixth grade list 22 per cent of the errors out of a total of 57 per cent of the pupils in the class made the error in writing to use the "e" while 6 per cent used the "i". showing that the idea of a double consonant was present but did not focus in the right place.

Taking notice that the doubling of the consonant was a fruitful source of error , this analysis confirms that spelling.

These examples are plainly indicative of steps any teacher might take to improve certain types of error.

It will be noted in the table that the seventh were the cause of more such frequently in the sixth grade. 17 per cent of this grade made errors in spelling the singular tenses of the present from which was pronounced. This error can be overcome by greater care in pronouncing, by careful illustration in the use in sentences.

Of 416 errors due to wrong endings made in the 29,400 spellings, 70 errors or 17 per cent were due to the omission of the past tense ending ; 182 errors, or 44 per cent were due to the use of the singular number instead of the plural, the child focusses upon the word instead of the completed form and is astisfied as soon as he writes the main part of the pronounced word.

In the list of 160 words used in the eight grades, there were 12 plural words and 5 words given in the past tense.

It is noted in the study of silent letter errors that there are 49 words which contained silent letter elements. These resulted in 1404 errors in the use of these silent letter features. Most of these are easily learned and thus easily lessened, e.g. in the word "add", 50 second grade pupils, 23 per cent, left off one "d" ; 97 pupils, 46 per cent of the third grade pupils left out either the "e" or the "y" in <u>honey</u> ; 74 pupils, 33 per cent of the fourth grade pupils left the "i" out of <u>waist</u>.

The errors of this type are not confined to the lower grades. 53 pupils, 23 per cent, of the ninth grade pupils left the "e" or the "i" out of the word <u>perceived</u>.

Kallom's observation that silent letters are recognized as a difficulty and are usually taught well is verified in this study, there being a total of 1404 errors, 16.1 per cent in an opportunity for making 8702 errors of this type.

Of all errors due to wrong endings made in the 29,000 replies, 70 errors, or 17 per cent were due to the omission of the past tense ending ; 150 errors, or 41 per cent were due to the use of the singular number instead of the plural. The data focusses upon the word instead of the sentence form and is satisfied as soon as he writes the main part of the pronounced word.

In the list of 100 words given in the sixth grades, there were 13 plural words and 3 words given in the past tense.

It is quite in the ability of silent letter errors that there are 47 words which contained silent letter elements. These resulted in 1401 errors in the use of these silent letter features. Some of these are "ability" learned and this ability learned, e.g. in the word "will", it revealed grade pupils. It was seen, that out of one "ie" ; 70 pupils, 10 per cent of the third grade pupils left out the "e" or the "y" in Dakota ; 16 pupils, 32 per cent of the fourth grade pupils left the "i" out of Dakota.

The errors of this type are not confined to the lower grades. 32 pupils, 23 per cent, of the sixth grade pupils left the "e" or the "i" out of the word [illegible].

Dolch's observation that silent letters are recognized as a difficulty and are usually taught well is verified in this study. There being a total of 1401 errors, it is per cent is an opportunity for making 1401 errors of this type.

The substitution of small initial letters for capitals, and the use of capitals for small initial letters was negligible in this set of 1470 papers. But two words used in the group of 160 words pronounced require a capital letter, 15 pupils of the fifth grade group used a small letter to begin the word Indian ; no pupil made an error in the use of the capital initial letter of the word February in the eighth grade list. Including the 15 errors in the word Indian there were but 57 errors in the use of capital letters in a possible 29,400 cases, less than two-tenths of one per cent.

There is some tendency to use all the letters of a word but to disarrange them in the written form. Other writers seem not to have mentioned this form of difficulty. It is of frequent occurrence in this group of papers to warrant us in giving it some mention.

In this type of error the exact number of letters are used, but in a transposed order, e.g. "thus" appears as "tuhs", "thsu",etc.

It is of especial interest to notice that there is an increasing tendency toward this type of error from grades two to six inclusive, reappearing high again in the ninth grade.

It appears that certain letter combinations are very rich in possibilities for the pupil in making this type of error. "ie" becomes transposed into "ei" as in ;

thief, grade four list, 25 pupils, 13.4 per cent,
niece, grade six list, 44 pupils, 27.5 per cent,
received, grade nine, 53 pupils, 24.2 per cent,
seized, grade nine, 45 pupils, 21.6 per cent

The substitution of small initial letters for capitals, and the use of capitals for small initial letters was negligible in this set of 1470 papers. Not two words used in the group of 160 words pronounced requiring a capital letter, 15 pupils of the fifth grade gave word a small letter to begin the word Indian ; no pupil made an error in the use of the capital initial letter of the word Kindergarten in the eighth grade list. Including the 15 errors in the word Indian there were but 37 errors in the use of capital letters in a possible 23,040 errors, less than two-tenths of one per cent.

There is some tendency to use all the letters of a word but to disregard them in the written form. Other writers have not to have mentioned this form of difficulty. It is of frequent occurrence in this group of papers to encounter an in giving it some position.

In this type of error the exact number of letters are used, but in a transposed order, e.g. "shoe" appears as "hoes", "dear", etc.

It is of especial interest to notice that there is an interesting tendency toward this type of error from grades two to six inclusive, reappearing high again in the ninth grade.

It appears that certain letter combinations are very risky in possibilities for the pupil in making this type of error. "ie" because transposed into "ei" as in :

third, grade four list. 45 pupils, 12.4 per cent.
sixth, grade six list. 44 pupils, 27.4 per cent.
seventh, grade seven, 32 pupils, 19.6 per cent.

made this particular error.

In the word "Indian", the "ian" became "ain" in 30 cases, 17.7 per cent of the fifth grade group.

In the word "nickel", the "el" became "le" in 65 cases, 40.6 per cent of the sixth grade group.

If one letter were omitted the error could be classed as one due to silent letters, not so in these cases, for both letters appear, it is a matter of order of letters, there is a different complex acting upon the mental movement of the child in these cases. There must be a different cause in this type of error. Teachers might easily discover this type of error if it is present in a group and by special attention to the difficulties, i.e. teaching to fortify the pupils against them, and by sufficient drill to build up proper neural patterns , it could be generally eliminated. It has been done by actual experiment.

The length of the word seemed to be but a minor error in these tests, varying from none in the second grade to 20 per thousand in the fifth grade. Both the eighth and the ninth grades approached the same number per thousand.

The number of words in each grade which contributed to this group of errors to the extent of five or more errors which seemed to be caused by difficulty on account of the length of the word appears below.

Grade II , none;	Grade III, two;	Grade IV, one ;
Grade V, five;	Grade VI, two;	Grade VII, none;
Grade VIII, two;	Grade IX, three.	

made this particular error.

In the word "Dallas", the "lar" become "ula" in 37 cases, (7.) per cent of the fifth grade group.

In the word "right", the "ri" becomes "le" in 15 cases, (3.) per cent of the sixth grade group.

If one letter was omitted the error could be classed as due to sight letters, not so in these cases, for both letters appear. It is a matter of order of letters. There is a difference consider noting such the mental movement of the child in these cases. There must be a difference made in this type of error. Teachers might easily discover this type of error if it is present in a group and by special attention to the difficulties, i.e. teaching to fix-up the syllabs against them, and by mechanical drill to build up proper mental pictures , it could be generally eliminated. It has been done by several experiment.

The length of the word seemed to be but a minor factor in these tests, varying from none in the second group to 2 per cent in the fifth group. Both the sight and the sound factors appeared the same number per thousand.

The number of words in each grade which contributed to this group of errors is the extent of five or more errors which seemed to be caused by difficulty on account of the length of the word appears below.

Grade II , none; Grade III, two; Grade IV, one ;
Grade V, three Grade VI, two; Grade VII, none;
Grade VIII, two; Grade IX, three,

Two factors entered into the reactions of the pupils which lessened the number of errors of this type; first, they probably attended better to the longer words and produced the written form more often correctly than was done with some other words ; second, the long words which brought confusion were often omitted, not scoring as actually misspelled, so far as analyzing the errors was concerned.

Comparisons of Misspellings of words
Boston and San Bernardino County .

The following tabulations are offered as a comparative study of spelling difficulties of children under widely different situations. The data from the report of Kallom are based upon the work of city children in graded schools, all in the ninth grade. The data concerning the San Bernardino misspellings is based on the work of pupils in small rural schools on words appearing in the tests of grades four to nine, inclusive. One is a group in the extreme eastern part of the United States, the other in the extreme western part.

The number of pupils taking part in the Boston test was 993, in the San Bernardino County test, from 107 to 230. In the final comparison it is necessary to reduce the data to a comparative basis; per cents have been used.

The factors behind this the reactions of the people which lessened the causes of errors of this type; first, they probably attended better in the longer trials and produced the activity from more often correctly than was done with some other trials ; second, the long trials which brought questions were often omitted, not reacting so actually misspelling, so far as analyzing the errors was concerned.

Comparisons of Misspellings of words
Typing and Non Typewriting Group .

The following tabulations are offered as a comparative study of spelling difficulties of children under widely different situations. The data from the report of Dolton are based upon the work of city children in graded schools, all in the ninth grade. The data concerning the Tennessee misspellings is based on the work of people in small rural schools as well as appearing in the texts of people from the state, institutes. One is a group in the extreme western part of the Indian country, the other in the extreme eastern part.

The number of pupils taking part in the Dolton test was 222. In the Tennessee Group each, from 107 to 120. In the Dolton comparison it is necessary to reduce the data to a comparative basis; per cents have been used.

Table XIII.

Showing :- the words used in both tests, Boston , and in San Bernardino County ; the grade in which the word was used in San Bernardino County ; the number of Boston pupils missing the word, and the numberof San Bernardino County pupils missing the word ; and, these two numbers reduced to per cents .

Word compared.	San Bernardino County grade tested.	No. in Grade.	No. of pupils misspelling word shown, Boston.	San B.	Per cent missing word; Bost.	San B.
bicycle	8	107	475	31	48	29
calendar	8	107	313	31	32	29
February	8	107	268	19	27	18
handkerchief	6	185	285	48	29	26
niece	6	185	444	100	45	54
pitcher	4	221	181	139	18	63
separate	8	107	200	30	20	28
shining	4	221	270	79	27	36
superintendent	9	230	579	92	58	40
thoroughly	9	230	381	103	38	45
vegetable	7	119	241	22	24	18
patient patience	7	119	65	37	7	31

This table is read as follows :- the word "bicycle" was pronounced in the eighth grade list in San Bernardino County, 107 pupils' written spellings were considered in this analysis ; 993 pupils papers were considered in the Boston study (all these were in the ninth grade) ; 475 pupils in the Boston

Table XIII.

Spelling :- the words used in both tests, Dayton , and in San Bernardino County ; the grade in which the word was used in San Bernardino County ; the number of Dayton pupils misspelling the word, and the numbers of San Bernardino County pupils misspelling the word ; and, finally the numbers reduced to per cents .

Test Sentence.	San Bernardino County grade tested.	No. in Dayton.	No. of pupils misspelling word shown, San B.	Per cent misspelling word, Dayton.	Per cent misspelling word, San B.
bicycle	1	147	473	3	41
orchestra	2	147	171	21	32
Saturday	4	147	322	14	17	18
lieutenant	5	147	197	16	9	24
class	6	152	444	170	45	29
yellow	4	121	181	157	18	23
separate	5	147	215	20	20	24
dictate	4	121	270	77	27	36
superintendent	5	256	297	92	24	11
thermometer	7	236	191	103	24	43
vegetable	7	179	241	22	24	16
president			45		7	
pattern	7	147		27		21

This table is read as follows :- the word "bicycle" was pronounced in the eighth grade list in San Bernardino County. 147 pupils written spellings were examined in this analysis 473 pupils papers were examined in the Dayton study (all these were in the ninth grade) ; 47% pupils in the Dayton

group, and 31 pupils in the San Bernardino County group misspelled the word "bicycle " ; these numbers are 48 per cent and 29 per cent respectively of the two groups being compared.

Table XIV.

Showing :- the number of different ways the misspellings appeared in the work of the Boston group, and in the San Bernardino County group; the most common forms of misspelling, and their frequencies ; and, the per cent of the entire number of misspellings these forms represented.

No. of different ways the words were misspelled in the groups-			Boston		San Bernardino County	
Boston.	San B. Co.	Most common forms of misspelling.	Frequencies.	Per cent.	Frequencies.	Per cent.
60	12	bycicle	220	46	16	50
		bycycle	50	11	3	10
18	5	calender	239	76	16	50
		calander	32	10	11	35
22	9	Febuary	126	45	2	10
		Feburary	92	34	3	16
		February	10	4	7	37
51	22	hankerchief	113	40	14	30
		handerchief	22	8	8	17
		handkercheif	26	9	3	6
7	24	neice	425	96	44	44
		niece	8	2		
		nease			8	8
		neace			8	8
24	46	picture (pitcher)	98	54	23	17
		piture	23	13	7	5
		picher	16	9	45	34
8	5	seperate	187	94	25	83
12	29	shinning	210	78	16	20
		shineing	25	9	20	25
101	49	superintendant	224	39	20	21
		superentendent	46	8	6	7
		supertendent	37	6	6	7

table XIV.

Showing :- the number of literary words the misspellings appeared in the work of the Boston group, and in the San Francisco Country group; the word common forms of misspelling, and their frequencies ; and, the per cent of the entire number of misspellings from these forms represented.

No. of different words the words were misspelled in the groups. Boston.	No. of misspellings in the groups. Boston.	Word common forms of misspelling.	Boston Group Freq.	Boston Group Per cent.	San Francisco Country Freq.	San Francisco Country Per cent.
6	12	bycicle	221	45	16	2
		bicycle	30	11	3	16
4	5	calendar	229	75	16	20
		calender	32	10	11	25
22	9	February	154	43	2	10
		February	92	26	2	14
		Febrary	10	3	2	27
31	22	handkerchief	113	40	14	30
		handkerchief	22	8	2	17
		handkerchief	21	7	2	6
7	24	Swiss	127	70	44	44
		Sweiss	6	3		
		Swiss			2	2
		Swiss			2	2
24	46	picture (pictures)				
			32	24	12	17
		picture	22	17	2	2
		picture	16	7	45	34
2	3	separate	187	94	23	13
12	29	sidewalk	210	72	16	20
		sidewalk	23	8	20	25
181	19	superintendent	7	2	20	21
		superintendent	2	1	2	2
		superintendent	37	6	2	7

No, of different ways the words were misspelled in the groups - Boston.	San B.Co.	Most common forms of misspelling.	Boston Frequencies.	Boston Per-cent.	San Bernardino County Frequencies.	San Bernardino County Per cent.
84	28	throughly	108	28	25	24
		thouroughly	49	8	8	8
		thourghly	26	7	15	15
24	10	vegatable	123	51	10	46
		vegitable	27	11	2	9
		vegtable	28	12	2	9
20		patent	9	14		
	25	pacience			6	16
		patience	20	31		
		patient			3	8

Table XIV is read as follows :- Boston pupils misspelled the word "bicycle" in 60 different ways, San Bernardino County pupils in 12 different ways ; bycicle was the form used by 220 pupils, 46 per cent of the Boston group, the same form was used by 16 pupils, 50 per cent of the San Barnardino County group.

The Boston list contained the word "patient", 20 pupils of the group substituted the word"patience", this was 31 per cent of the errors made in the group. The San Bernardino County list contained the word " patience", 3 pupils, 8 per cent of the group substituted the word "patient".

There are several striking coincidences in the order of errors as well as the per cents, even though the words appear in lower grades in one case than in the other. In such words as "superintendent" the similarity is close enough that it might be of diagnostic value.

No. of different ways the words were misspelled in the group - Table XIV.	Dual control Form of pronunciation.	Spoken Form-mono-syllabic.	Spoken Form-dis-syllabic.	Spoken Form-poly-syllabic.	Dan Dearborn-Ellen Density Form-for-phon.
34	23	Incongruity	1?3	25	23	24
		Incongruity	24	0	0	0
		Incongruity	26	7	15	15
34	17	vegetable	1??	21	12	41
		vegetable	27	11	2	2
		vegetable	20	12	2	2
32		patient	7	14		
	13	patience			6	16
		patience	23	27		
		patient			1	1

Table XIV is read as follows :- Twelve people misspelled the word "Incongruity" in 34 different ways. Dan Dearborn Density people in 12 different ways ; Dorothy was the from word by 120 people, 16 per cent of the Dorian group. Her sons from was made by 16 people, 32 per cent of the Dan Dearborn Density group.

The Dorian girl misspelled the word "patience", 20 people of the group misspelled the word"patience". Only was 27 per cent of the Dorian made in the group. The Dan Dearborn Density girl misspelled the word " patience". 3 people, 6 per cent of the group misspelled the word "patient".

There are several startling coincidences in the order of errors as well as the per cents, even though the words appear in lower grades in one case than in the other. In each case we "Dorian-minded" the difficulty in view enough that it might be of diagnostic value.

Quotations.

" Aim of spelling, to give the pupil ability to spell a word correctly when needed." (Kallom)

" Spelling, an act of seeing or hearing accurately what may be written or spoken, and translating that visual or aural image into motor activity. If the image is correct and the motor control accurate, the word will be spelled correctly, otherwise, incorrectly. In a sense spelling may be said to be psychological." (Kallom)

"Obviously poor spelling may be due to one or another of the quite different defects, or to a combination of these. Spelling is a complex ability------- and gives room for a great variety of deficiencies. The underlying causes may be discovered only by means of psychological examination covering the mental processes involved " (Hollingworth.[1])

After enumerating eleven causes of poor spelling as determined by laboratory methods at Teachers' College, Dr. Hollingworth says further, " English Spelling calls largely for rote learning ; it can be acquired only by the formation of thousands of bonds, arbitrarily prescribed ".

[1] Leta S. Hollingworth, "The Psychological Examination of Poor Spellers."

Conclusions.

" Aim of spelling, to give the pupil ability to spell a word correctly when needed." (Kallom)

" Spelling, an act of seeing or hearing accurately what may be written or spoken, and translating that visual or aural image into motor activity. If the image is correct and the motor control accurate, the word will be spelled correctly, otherwise, incorrectly. In a sense, spelling may be said to be psychological." (Kallom)

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After summarizing eleven causes of poor spelling as discovered by laboratory methods at Teachers' College, Dr. Gallingworth says further, " English spelling will largely for rule learning ; it can be acquired only by the formation of frequents of habit, arbitrarily prescribed ".

[1] Lara S. Gallingworth, "The Psychological Examination of Poor Spellers."

Table XV.

Showing :- the words in the order of their difficulty as shown by this test ; the number of papers considered in each grade ; the number of pupils spelling each word correctly; and, the per cent of the group spelling the given word correctly.

Second Grade. (214)			Third Grade. (209)			Fourhh Grade. (221)		
Word.	No.	%	Word.	No.	%	Word.	No.	%
or	79	37	within	129	62	nobody	147	69
sold	77	36	third	117	50	needle	119	54
told	77	36	words	101	48	writing	110	50
looks	74	35	letters	100	48	reprove	109	49
best	68	32	push	92	44	shining	108	49
form	62	29	belongs	91	44	penny	91	41
west	60	28	tiny	74	35	waiting	87	39
corn	57	27	body	71	34	sweeps	87	39
far	57	27	point	69	33	sailor	80	36
dear	56	26	shoes	63	30	sweeping	78	35
gave	54	25	done	59	28	palace	77	35
alike	52	24	fence	56	27	repeats	77	35
rich	48	22	cheese	55	26	weary	65	29
very	44	21	orange	39	19	sentence	64	29
egg	43	20	stairs	36	17	waist	59	27
thank	42	20	pocket	35	17	pitcher	55	25
add	31	14	honey	29	14	surface	48	22
brave	31	14	stream	27	13	oar	44	20
dinner	26	12	feather	28	13	thief	44	20
dance	16	7	earn	24	11	regular	38	17

Table IV.

Spelling :- The words in the order of their difficulty as shown by this test ; the number of pupils correct in each grade ; the number of pupils spelling each word correctly; and the per cent of the group spelling the given word correctly.

Second Grade. (214)			Third Grade. (209)			Fourth Grade. (221)		
Word.	No.	%	Word.	No.	%	Word.	No.	%
or	37	37	which	187	62	nobody	147	67
will	37	36	blind	177	59	needle	139	64
held	37	36	weak	167	55	writing	139	59
lions	34	33	lacking	165	54	crooked	139	49
bent	36	32	pain	152	49	winning	136	49
from	32	32	balance	137	44	people	131	47
make	32	29	step	134	39	writing	127	39
room	37	27	help	131	34	serve	127	39
the	37	27	point	130	33	notice	121	36
last	34	26	never	121	30	everything	117	33
give	34	25	down	120	29	please	117	32
pilot	32	24	front	114	27	property	117	32
play	46	22	machine	112	24	young	115	29
very	44	21	energy	107	17	certainly	114	27
see	45	20	making	107	17	water	112	27
round	42	20	pocket	102	17	airplane	112	25
ask	37	14	funny	102	14	politics	107	22
lions	37	14	shown	102	13	one	104	20
dinner	32	12	thunder	98	12	village	94	20
dance	16	7	know	94	11	regular	76	17

Fifth Grade. (185)			Sixth Grade. (185)			Seventh Grade. (119)		
Word.	No.	%	Word.	No.	%	Word.	No.	%
dried	127	69	loose	143	77	hoarse	77	65
properly	123	66	telephone	117	63	ignorance	73	61
laid	118	64	handkerchief	113	61	musician	73	61
Indian	112	60	pistols	110	60	reverence	62	52
onion	112	60	recess	108	58	siege	61	51
touch	111	60	grocery	107	58	heir	61	51
praise	103	56	speech	106	57	emperor	59	50
dangerous	102	55	whistle	104	56	vegetable	57	48
thirteen	95	51	steak	100	54	pigeons	53	45
smooth	88	48	listened	97	52	patience	53	45
veal	86	46	quarrel	93	50	grateful	53	45
weapon	85	46	trolley	89	48	wretch	52	44
debt	84	45	sleigh	86	46	elegant	51	43
towel	84	45	society	83	45	rehearse	48	40
umbrella	73	39	nickel	83	45	veil	47	39
grammar	71	38	saucer	82	44	saucy	46	39
exercise	70	38	morsel	74	40	excellent	45	38
searched	62	34	purchased	73	40	interfere	36	30
salary	55	30	source	71	38	icicle	35	29
journey	52	28	niece	69	37	neutral	15	13

Fifth Grade. (185)			Sixth Grade. (195)			Seventh Grade. (179)		
Word.	No.	%	Word.	No.	%	Word.	No.	%
dried	121	65	lodge	145	75	hunter	77	43
property	121	65	telephone	137	69	lumberman	75	42
land	118	64	handkerchief	135	69	mountain	73	41
Indian	112	60	potato	110	60	preserve	62	34
onion	112	60	reason	106	54	stage	61	37
touch	111	60	prosper	107	53	take	61	34
praise	103	56	speech	106	57	answer	59	30
dangerous	102	55	activity	104	54	remarkable	57	47
birthday	95	51	church	100	54	plenty	53	43
quick	89	48	lighted	97	51	patient	51	45
read	86	46	written	93	5.	punished	51	43
dangerous	85	46	smiling	91	49	street	50	44
Jack	84	45	stick	91	46	slipped	51	43
friend	84	45	society	89	45	strangers	47	40
mountain	83	44	school	89	45	well	47	39
dreamed	81	44	teacher	88	44	cheer	44	37
mountain	79	43	school	78	4.	quantities	43	38
dangerous	80	44	yourselves	72	40	telegraph	36	30
plant	78	42	remedy	71	38	lamps	35	29
journey	78	42	stage	69	37	remedy	35	33

Eighth Grade. (107)			Ninth Grade. (230)		
Word.	No.	%	Word.	No.	%
February	85	79	surgeon	160	70
grease	83	78	immense	143	62
science	81	76	perceive	129	56
cordially	73	68	marmalade	125	55
separate	73	68	superintendent	123	53
bicycle	73	68	orchestra	122	53
calendar	71	66	seized	112	49
character	70	65	recommend	108	47
vehicle	62	58	resemblance	104	45
disease	57	53	leopard	103	45
consequence	53	49	counterfeit	89	39
fatigue	53	49	thoroughly	88	38
sensible	53	49	millionaire	87	38
vicinity	50	47	precipice	82	36
foreigners	49	46	possess	81	35
secrecy	44	41	dessert	72	31
nonsense	43	40	digestible	65	28
antique	41	38	restaurant	62	27
resources	40	36	mucilage	38	17
isthmus	36	34	parliament	36	16

This table reads :- (see above) in the eighth grade class of 107 pupils, 85 spelled the word "February" correctly ; this is 79 per cent of the class.

Eighth Grade. (1927)			Ninth Grade. (1930)		
Word.	Pr.	S	Word.	Pr.	S
Tajoness	93	79	surgeon	165	77
answer	83	78	temperate	143	66
solution	81	76	secretive	139	56
eventually	73	68	unmanageable	139	35
squarely	73	68	nonexistence	133	33
bicycle	73	64	creamerie	132	33
calendar	71	64	noisel	112	43
discover	71	63	recommend	108	47
valid	68	58	reconciliation	104	43
dinner	67	53	largest	103	42
antecedent	59	45	accomplish	89	39
Friday	53	42	electricity	88	38
monthly	53	42	antithesis	87	38
visibly	52	42	proclaim	82	36
Thursday	49	40	possess	81	35
sorrow	44	40	Japanese	72	31
conference	43	40	indispensible	69	30
weight	41	38	parliament	66	27
alternate	40	35	prestige	32	17
tedious	32	34	predicament	30	16

This table reads :- (see above) in the eighth grade class of 107 pupils, 93 spelled the word "Tajoness" correctly ; this is 79 per cent of the class.

Summary.

In summing up the misspellings , the second and ninth grades are omitted ; the second, on account of its limited experience, the ninth, because it was less of a rural type than the others and was not studying spelling at the time the test was given.

Out of a possible 18,520 words spelled by 926 pupils in grades three to eight, inclusive,

2,923 words, 15.8 per cent, were omitted ;

8,746 words, 47.2 per cent,were actually misspelled; i.e.11,666 words, 63.0 per cent, were not spelled correctly.

The spelling of these 926 pupils was 37.0 per cent efficient on a list of words having a standard of 73 per cent.

The 8,746 actual misspellings were done by pupils writing 4,057 different forms in place of the required 120 forms.

Of these 4,057 forms, 3,058 occurred but once each.

332 words, 17.9 per cent, were homonyms.

520 words, 28.1 per cent, were actual words, evidently used because pupils misunderstood what was pronounced.

476 words, 25.7 per cent, were not clearly words at all.

5,679 words, 30.5 per cent, contained vowel errors.

3,152 words, 17.0 per cent, contained consonant errors.

1,218 words, 6.5 per cent, had silent letter errors.

Conclusion.

In spelling of the misspellings , the second and third grades are omitted ; the second, on account of its limited experience, the third, because it was less of a trial type than the others and was not analyzing spelling at the time the test was given.

Out of a possible 16,320 words spelled by 768 pupils in grades three to eight, inclusive,

3,312 words, 19.5 per cent, were omitted ;

8,316, words, 47.0 per cent,were actually misspelled;

1,6.11,646 words, 61.5 per cent, were not spelled correctly.

The spelling of these 768 pupils was 71.0 per cent efficient on a list of words having a standard of 77 per cent.

The 8,316 actual misspellings were done by pupils writing 4,097 different forms in place of the required 120 words.

Of these 4,097 forms, 3,197 occurred but once each.

332 words, 17.1 per cent, were homonyms.

321 words, 16.1 per cent, were actual words, evidently used because pupils misunderstood what was pronounced.

111 words, 5.7 per cent, were not closely words at all.

1,677 words, 86.3 per cent, constituted vocal errors.

3,191 words, 17.0 per cent, exhibited consonant errors.

1,112 words, 6.0 per cent, had silent letter errors.

Conclusion.

In concluding the analysis of the misspellings of rural pupils there are several general suggestions which should be helpful to teachers of such pupils in improving the work of the children in spelling.

1. Of the entire list of misspellings, 17.9 per cent were due to the use of homonyms; better illustrations in using sentences to make the intended word clear would eliminate most of the errors of this type. A single illustration will suffice ; in the fourth grade list the word "oar" was pronounced, 44 pupils out of 221 spelled the correct form, while 56 pupils spelled " ore" instead. These words must be taught in connection with their definitions and proper uses.

2. Actual words as substitutes for the pronounced words were used in 28.1 per cent of the cases of misspellings. Several causes contributed to this type of error; sometimes a word already pronounced was spelled, usually there was no especial connection with the word pronounced other than a phonic resemblance sufficiently close to suggest a wrong word. Minor errors account for a small part of these errors, inattention seems to have caused most of them, inattention to the pronunciation, inattention to thing being written; in a word inattention to the details of spelling.

The remedy for this type of error is to be sure that one has the attention of the examinees; and that more generous use be made of sentences and definitions to indicate the use of the required word.

Conclusion.

In conducting the analysis of the misspellings of normal pupils there are several general suggestions which should be helpful to teachers of these pupils in improving the work of the children in spelling.

1. Of the entire list of misspellings, 17.7 per cent were due to the use of homophones; hence illustrations in using exercises to aide the informed word clear would eliminate most of the errors of this type. A single illustration will suffice ; in the fourth grade that the word "sun" was pronounced, 47 pupils out of 217 spelled the correct form, while 75 pupils spelled "son" instead. These words must be taught in connection with their definitions and proper usage.

Logical words as mentioned for the preschool child were used 25.1 per cent of the errors of misspelling. Several causes contributed to this type of error; sometimes a word already pronounced was spelled, usually there was no apparent association with the word pronounced other than a phonic resemblance particularly when to support a weak word. Since errors occurred for a small part of those surveyed, instruction seems to have caused most of them, instruction in the pronunciation, instruction in being being spelled; in a word instructed by the activity of spelling.

The remedy for this type of error is to be sure that one has the attention of the pupil, and that care procedure can be made of assistance and definitions in helping the use of the misspelled word.

3. Of all the misspelled forms 25.7 per cent were not of definite form enough to be recognized as anything like the word at all and usually not like any recognizable word.

Often it appeared as if the intention was simply to make some reaction because it was expected, no matter what the outcome. A glance at the list will explain better than the samples following :- under the list of words showing the actual spellings made by pupils when the word"tiny " was pronounced, may be seen ; tiv, latte, temen, tingues, torme. (See page S-12, of the supplement.) No certainty can be declared as to why these forms were written.

The 15.8 per cent of omitted words, plus the 25.7 per cent of this group, a total of 41.5 of the words pronounced were not spelled correctly because the pupil did not know what word was wanted or knew he did not know how to spell it. Had all other words been spelled correctly the errors due to these two causes alone would have brought the group under the standard for the words used.

Two things may be done; first, see that all pupils have opportunity to know the words that are expected of their grades. Copies of the scale prove useful for this purpose. Second, an analysis of the papers of a class will show what pupils fail to overcome this error at any time, special drill for these will surely go far to relieve the situation, especially if the teacher will study the pupil and his work and aim at his particular difficulty. This will apply to each of the paragraphs following as well as to this one.

3. Of all the misspelling items 25.7 per cent were not of definite form enough to be recognized as spelling like the word it was usually not like any recognizable word.

Often it appeared as if the interview was simply to show some reaction between it was evaluated, as mentioned the sentence. A glance at the list will explain better than the regular following :- under the list of words showing the actual spellings made by pupils when the word "day" was pronounced, day is dam ; div, Jatis, tamm, thayam, tuma. (See page --?, of the questionnaire.) In particular can be included as a sly these forms were written.

The 19.4 per cent of omitted words, plus the 25.7 per cent of this group, a total of 45.1 of the words pronounced were not spelled correctly because the pupils did not know what word was meant or knew he did not know how to spell it. Let all other words have spelled correctly the errors due to these two causes alone would have brought its group under the standard for the words used.

The things may be done; firstly, see that all pupils have opportunity to learn the words that are expected of their grades. Devices of the words given needed for this purpose. Second, an analysis of the errors of a class will show what pupils fail to appreciate this error at any time, special drill for those will merely be due to relaxing the attention, especially if the teacher will study the pupil and the work and aim at his particular difficulty. This will apply to each of the paragraphs dictated as well as to this one.

4. Nearly one-third of the words misspelled, 30.5 per cent, contained vowel errors; (a) vowels omitted, (b) vowels added, or (c) vowels substituted.

This is one of the most fruitful fields for error, due largely to the phonic systems of teaching reading. If those in authority could be persuaded of the proper place of "phonics", the spelling difficulties would be greatly lessened.

Examples of errors of this type are here presented :-
(See page S - 12, supplement under the word "tiny".)
tine, tiney, tuyny, tieny, tinie, tin, tainy, tineey, tienei, tony, tini, toiny, tuiny, teny, tone, tyni.

The types of errors are plainly shown here and this will suggest the kind of teaching necessary to overcome the difficulty. There is not much excuse for the use of "o" or " oi" for the "i", the "e" indicates a pronunciation of "tee-ny"; the other forms are simply wrong sets of bonds established in learning the word, if it had ever been taught.

5. The consonant errors are as easily classified into the same groups as indicatedin the last group of errors, and, in this analysis constituted 17.0 per cent of the entire group of errors. The doubling of the vowel, or doubling it in improper places added to the consonant errors. (See page S - 9, supplement, two columns, "fence" and " honey")
fens, fents, fece, fes, fentce, fench, fencer, fems, feng, fends; hunny, huning, hunne, henil, humy, hond, joni, hunge, gonei.

Often the child intended to write the proper letter, but on account of intense interest, slowness, inattention, or other distracting element made some blunder which can be eliminated

4. Nearly one-third of the words misspelled, 32.5 per cent, contained vowel errors; (a) vowels omitted, (b) vowels added, or (c) vowels substituted.

This is one of the most fruitful fields for error, due largely to the phonic system of teaching reading. If there is authority could be presented of the proper place of "phonics", the spelling difficulties would be greatly lessened.

Examples of errors of this type are here presented :-

(See page 3 - 1), supplement under the word "tag".)

rice, ticog, targe, tlamp, tinia, tim, mains, tinary, tlanks, tarp, sint, voiny, bilay, vemp, hemp,lpat.

The types of errors are plainly shown here and this will suggest the kind of remedial endeavour to overcome the difficulty. There is not much course for the use of "o" or " ui" for the "i" , the "a" indicates a pronunciation of "ing-ing"; the other factor has shown wrong use of hands contributed in learning the word, if it had ever been taught.

5. The consonant errors are as easily classified into the same groups as initial-only the last group of errors, and , in this category contributed 17.4 per cent of the entire group of errors. The doubling of the vowel, or doubling it in improper placed added to the consonant errors. (See page 3 - 2, supplement, two columns, "Phone" and " Lorep")

fame, flate, fees, fre, treiny, fmeng, ramen, fres, fent, fonds; bmoy, lmeing, lmine, lmril, lamp, lmal, lpal, lmage, gmel.

Often the child intended to write the proper letter, but an amount of confusion interrupt, elsewere, implication, or other circumstances, a/some) only some phonic which can be distinguished

by closer attention to his habits in writing his lessons, and especially to his approach in learning his word images.

6. Silent letters contributed 6.5 per cent to the errors as grouped in this analysis. Examples follow :- (See page S- 11, of the supplement); for the word shoes we have, shose (frequency of 30); stars ,for stairs. (F.29); and, strem, for stream (F. 35).

About the only way to prevent errors of this type is to teach the word in its correct form until the "bonds" are firmly established and become automatic when the pupil once begins to write the word.

7. Two per cent of all errors were made by pupils who used the proper number of letters and the correct letters, but combined them in the wrong sequence. This seems to indicate that the pupil has a proper visual image of the word but his motor reflexes do not respond in the right order. Examples ; shose, stiars, lettres, fenec, faether, eanr, eonr.

The child's mental habit of study should be found out and modified. This error is close kin to the one that fails to note an omitted letter. Children often look at a written word and fail to discover an omitted letter or a wrong sequence in the letters. In this case the child learns his spelling by the auditory image and does not recognize the visual. This can be determined by noting whether the child can discover his error by an inspection of his work. Children usually are not taught to do this. (See the State Speller for directions and help.)

by closer attention to his habits in writing his lessons, and especially to his approach in learning his word images.

5. Silent letters contributed 6.5 per cent to the errors as grouped in this analysis. Examples follow :- (See page 3- of the analysis); for the word doing we have, alone (frequency of 3); stars ,for sparks, (2.5)); and, where, for sleeps (2. 1)).

About the only way to prevent errors of this type is to teach the word in its correct form until the "hands" are firmly established and become automatic when the pupil later begins to write the word.

7. The per cent of all errors made by pupils who read the proper number of letters and the correct letters, but sequence them in the wrong sequence. This occurs by pupils who read the pupil has a proper visual image of the word but his motor mechanism is not prepared in the right order. Examples ; alone, where, barrier, frame, further, sent, sent.

The ability would habit of visiting should be formed and maintained. This error is worse in the one that tends to make or mention lapses. Children often look at a written word but fail to discover an omitted letter or a wrong sequence in the letters. In this case the child learns his spelling by the auditory image and does not recognize the visual. This can be determined by making whether the child can discover his error by an inspection of the word. Children usually are not aware in the main. (See the error Spelling for discussion and help.)

The foregoing suggestions would eliminate about 90 per cent of all the errors found in the papers analyzed if it were possible to practice them completely. Minor errors appeared in certain schools which though not general deserve some notice as they represent some of the things which might affect some of the teachers if they had certain pupils whose work is uniformly inefficient, and , on the other the work of some teachers which is reflected on the pupils might have brought less efficient work from pupils working under their pronunciations.

To illustrate these two types the following is offered; certain pupils show their foreign ancestry and language in their spellings. In one particular school the papers indicated that there was but one pupil of the American type, the spellings indicated Italian and Spanish speaking children for all the others - there may have been one Irish boy. In one district the predominant error was to terminate the words with an "a". Examples ; shoesa, stairsa, streama,wordsa. It is not difficult to place the blame for the poor spelling of words which have not been especially studied for the regular lesson. In the written spelling taken up by the teacher,based on an assigned lesson, the pupil knows what is expected and the teacher does not know that her own peculiarity of pronunciation causes the pupil to misunderstand what is intended. A list of words not specially prepared and later carefully analyzed will help a teacher to see herself in a new light sometimes.

The foregoing suggestions would eliminate about 90 per cent of all the errors found in the papers analysed. It is very desirable to practise them completely. Minor errors appeared in certain schools which though not present laxness such as that repetition some of the things which might affect those of the teachers if they had certain pupils whom they is uniformly inattentive, and , on the other the work of some teachers which is reflected on the pupils might have brought less efficient work from pupils coming under their successivities.

To illustrate some two types the following is offered; certain pupils show their foreign ancestry and language in their spelling. In one particular school the papers indicated that there was but one pupil of the Jewish type, the spelling indicated Italian and Spanish speaking children for all the others - there may have been one Dutch boy. In one district the predominant error was to terminate the words with an "e". Example : sheene, stoire, sheene, moine. It is not difficult to place the blame for the poor spelling of words which have not been especially studied for the regular lesson. In the written spelling taken up by the teacher,based on an assigned lesson, the pupil knows what is expected and the teacher does not have that one possibility of predisposition causes the pupil to misunderstand what is intended. A list of words not especially prepared and later carefully analysed will help a teacher to see herself in a new light sometimes.

In some districts there is utter disregard of the use of capital letters. This error does not seem to reach large proportions for the county in general. It is a matter for the local districts.

Poor hand writing is a minor source of error and is much more prevalent in some districts than in others. In this type of error it is usually easy to tell what the pupil intended, but in an exact analysis the actual fact was regarded as the best guide for placing the word. The number of such errors was small and could be largely eliminated by attention to the difficulty in a few districts.

There are a few psychological principles which teachers may learn to apply to spelling as well as to the various other subjects which added to the idea of analyzing the work of individual pupils to locate their errors would improve the work in spelling to the point that it would take its place in the habitual responses of the pupil and give him and those who read his written words satisfaction in the product as a thing well done, that is, properly done.

In some districts there is some disregard of the use of capital letters. This error does not seem to cause large proportions for the county in general. It is a matter for the local districts.

Poor handwriting is a minor source of error and is much more prevalent in some districts than in others. In this type of error it is usually easy to tell what the pupil intended, but it is so much complicate the actual form was regarded as the best guide for placing the word. The number of such errors was small and could be largely attributed by attention to the difficulty in a few districts.

There are a few experimental principles which teachers may learn to apply to spelling as well as to the various other subjects which added to the time of monitoring the work of individual pupils by hands their errors would improve the work in spelling to the point that it would take its place in the habitual responses of the pupil and give him and those who read his written work satisfaction in the product as a thing well done, that is, properly done.

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Table S-I.

Showing the per cent in each grade getting any given number of the pronounced words correct.

No. of words.	Gr.2	Gr.3	Gr.4	Gr.5	Gr.6	Gr.7	Gr.8	Gr.9
0	7.1	4.8	2.1	0.5	0.6	1.9	0.3	1.6
1	6.2	5.9	3.9	2.1	2.1	3.3	0.8	2.7
2	4.9	5.9	5.7	2.8	2.9	3.7	2.1	1.9
3	5.4	6.9	5.4	3.5	2.4	3.3	2.2	4.1
4	6.2	7.6	6.5	4.5	2.2	4.6	3.9	4.8
5	6.4	6.1	5.8	5.5	4.4	5.9	3.3	7.3
6	5.2	6.6	6.4	5.1	3.6	5.2	4.3	7.3
7	6.0	4.7	5.8	5.3	4.2	5.4	5.4	7.1
8	4.4	6.6	7.7	6.6	4.7	6.4	5.9	6.8
9	5.0	5.6	5.1	5.8	5.3	5.3	6.0	9.1
10	4.9	4.6	5.1	6.0	5.8	6.3	5.7	6.7
11	4.2	4.8	6.0	6.3	5.2	6.5	7.6	5.5
12	4.8	4.5	4.2	5.6	6.5	5.5	5.6	6.3
13	4.5	4.3	6.7	5.7	7.1	7.2	6.0	5.6
14	4.4	4.2	5.2	6.6	6.3	7.6	4.7	5.2
15	4.8	3.7	4.1	4.6	7.7	6.0	8.0	4.5
16	3.6	3.3	3.7	7.6	7.3	4.5	8.6	4.9
17	3.8	2.9	4.2	6.5	9.3	3.7	5.9	3.3
18	3.3	2.5	2.5	4.8	5.3	4.4	6.6	2.7
19	2.9	2.7	2.1	3.4	4.5	2.8	5.3	1.0
20	2.1	2.1	1.1	0.8	1.8	0.1	2.5	0.1

Table S-I is read as follows :- 7.1 per cent of the second grade pupils of the entire county spelled no word correctly; 6.2 per cent spelled one word correctly ; 4.9 per cent spelled two words correctly.

In the third grade, 4.8 spelled no word correctly; 5.9 per cent spelled one word correctly ; etc.

Table E-2.

Showing the per cent in each grade getting any given number of the prescribed words correct.

No. of words.	Std. I	Std. II	Std. III	Std. IV	Std. V	Std. VI	Std. VII
0	7.1	4.5	2.7	0.9	0.8	1.5	0.5	1.6
1	4.5	2.5	4.9	2.1	2.5	2.5	0.8	2.7
2	4.5	5.5	5.4	3.8	2.5	4.9	2.7	7.7
3	5.3	5.5	5.4	3.5	3.4	4.7	4.9	4.7
4	5.5	7.6	6.5	4.5	4.1	6.1	5.9	5.2
5	6.4	4.7	5.4	4.4	4.9	7.5	7.5	7.3
6	5.5	6.5	6.8	5.1	7.5	7.5	8.5	6.3
7	8.0	4.7	5.8	5.3	6.5	5.4	5.6	5.1
8	6.4	6.6	7.7	6.8	6.7	6.4	5.9	5.5
9	5.3	5.6	5.1	4.8	5.3	5.7	6.1	5.1
10	6.5	5.8	5.1	6.5	5.8	5.7	5.4	5.1
11	5.4	6.0	5.5	5.1	5.1	5.5	5.4	5.5
12	7.0	6.3	6.1	5.1	5.5	3.5	4.0	5.5
13	4.5	5.3	6.7	4.1	4.1	3.5	4.1	5.5
14	4.5	5.5	4.5	4.1	4.1	3.5	4.7	5.5
15	4.0	3.3	6.1	4.6	1.7	3.0	3.4	5.5
16	3.5	3.3	5.1	3.6	3.3	4.0	4.0	5.5
17	3.5	3.3	4.5	3.5	3.3	3.7	3.4	5.5
18	3.5	2.3	3.7	4.5	3.5	4.4	3.0	5.7
19	3.5	3.7	2.4	4.5	4.5	3.0	3.3	5.7
20	2.7	2.7	1.1	0.5	1.8	0.7	2.3	5.7

Table E-2 is read as follows :- 7.1 per cent of the second grade pupils of the entire county failed to read correctly; 4.5 per cent spelled one word correctly ; 4.5 per cent spelled two words correctly.

In the third grade, 4.9 spelled no word correctly 5.4 per cent spelled one word correctly ; etc.

Table of Misspelled Forms.

On the following pages will be found all of the misspellings of all the pupils whose written work was used in compiling this report. All of the forms actually written by pupils in the groups from Grade Two to Grade Nine, inclusive, are shown.

The figures in front of the forms indicate the number of frequencies for the form following. The words and figures at the top of each column, above the line , are the frequencies of, and correct forms.

Many forms are not recognizable as words at all. Many will be recognized as having been intended for another word in the list. A few will be recognized as resulting from the pupil beginning the pronounced form, only to give up the attempt after a good start had been made.

There are two values to be placed upon this list as it stands; It is a faithful record of a long and tedious tabulation of facts as found regarding the actual reactions of rural school children to a standard test in spelling, and is adaptable as a source for further classifications not reported in these pages. Several such classifications have been made but do not seem to be essential to the particular problem being considered at this time.

Table of Misspelled Words.

On the following pages will be found all of the misspellings of all the pupils whose written work was used in compiling this report. All of the words actually written by pupils in the grades from which the by whole size, indicative, are shown.

The figures in front of the words indicate the number of frequencies for the word following. The words and figures at the top of each column, above the line , are the frequencies of, and correct forms.

Many words are not recognizable as words at all. Many will be recognized as having been intended for another word in the line. A few will be recognized as resulting from the pupil confusing the pronounced form, only to give up the attempt after a good effort had been made.

There are few words to be placed upon this list as it stands. It is a faithful record of a long and tedious tabulation of text as found supplying the actual requirements of normal school children to a student task in spelling, and is adaptable as a source for further classifications not reported in these pages. Several such classifications have been made but is not seen to be essential to the particular problem being considered at this time.

Sm 3.

Second Grade Misspellings.

✓ But should not prepare grade show for the following Gradesalw?

44 very	79 or	42 thank		56 dear	60 west.
12 vare	12 ore	3 thak	1 ras	15 der	27 wast
9 vere	5 ar	3 thac	1 sac	15 dir	5 wist
7 verey	4 our	3 thanc	1 marl	4 deer	3 ust
4 fare	3 orr	3 think	1 chca	3 Dear	2 wasd
3 vire	3 ore	2 thaink	1 sac%i	3 dr	2 esrt
2 vary	2 car	2 thanck	1 foen	4 dera	3 wst
2 verre	2 your	2 thnck	1 tog	1 daer	2 wasst
1 wvil	2 are	2 thas	1 bacon	1 theor	2 wat
1 bars	1 ur	2 thk	1 bur	1 derr	2 nat
1 bery	1 yor	2 thing	1 foke	1 tars	1 guast
1 bari	1 ure	2 tac	1 fog	1 far	1 wats
1 foe	1 r	2 thenk	1 dnc you	1 deray	1 tuest
1 uvil	1 aru	1 thangk	1 fac	1 trar	1 wrast
1 veriy	1 orne	1 tanck	1 vian	1 den	1 wares
1 viry	1 oir	1 thek	1 hak	1 dard	1 vets
1 veie	1 over	1 thla	1 dink	1 dier	1 was
1 vivil	1 onr	1 thnc	1 fant	1 die	1 arst
1 vewee	1 ro	1 thk	1 fatie	1 do	1 wiast
1 vele	1 arr	1 tenk	1 don	1 bury	1 war
1 ver	1 on	1 thaook	1 spink	1 thank	1 wsd
1 vav	1 orar	1 thnac	1 feak	1 dilen	1 uset
1 verry	1 arond	1 thiank	1 eat	1 thar	1 test
1 flry	1 old	1 thencke	1 svou	1 dis	1 diact
1 vear	1 dangic	1 thowk	1 wi	1 hler	1 wut
1 rery	1 doft	1 thick	1 say	1 ther	1 whas
1 ven	1 vor	1 theg	1 sonsing	1 dare	1 wter
1 boary	1 ran	1 thunt		1 dere	1 whvest
1 yare	1 thowk	1 theac		1 bear	1 just
1 vre	1 one	1 thenc		1 drir	1 sord
1 thoe	1 foocr	1 Dank		1 deep	1 whrs
1 fe	1 foror	1 thane		1 daw	1 best
1 dare	1 ron	1 thinge		1 fir	1 wheat
1 bury	1 mor	1 tcs		1 dee	1 wase
1 bere	1 uri	1 teo		1 tier	1 wasat
1 bve	1 was	1 tana		1 darn	1 wost
1 gare	1 oit	1 tance		1 ter	1 rere
1 beri		1 dir		1 ker	1 rvold
1 uarze		1 cag		1 tanlds	1 iur
1 faye		1 doings		1 dersen	1 wader
1 there		1 lane		1 dre	1 wel
1 fac		1 gok		1 ren	1 dorsgen
1 fre		1 soc		1 tenshr	1 des
1 five		1			1 wenst
1 be		see next			1 east
1 faile		column.			
1 brad					
1 bert					
1 rave					
1 vone					

Sound Book Discussion.

1	[illegible]	12	[illegible]	1	[illegible]	1	[illegible]
1	[illegible]	2	[illegible]	1	[illegible]	1	[illegible]
1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
1	[illegible]	2	[illegible]	1	[illegible]	1	[illegible]
1	[illegible]	1

77 sold	77 told	68 best	62 form	57 far	54 gave
5 sould	7 tole	26 bast	7 forme	17 for	14 gav
5 so	7 tol	3 fast	5 fom	8 fr	10 give
2 dolde	2 tod	2 last	5 for	5 fare	6 gaf
2 sot	2 totd	2 Bast	5 forn	4 fer	5 ga
2 sod	2 tolld	1 bre	4 fam	2 fard	4 gar
2 sld	2 tal	1 boros	4 fan	2 farr	4 gare
2 sol	1 tould	1 fest	3 farm	2 fa	2 gab
2 soold	1 tolde	1 bas	2 far	2 fir	2 gove
2 sord	1 tuld	1 bat	2 farn	1 frairn	2 gve
2 soe	1 toald	1 bist	2 fr	1 fisee	1 gev
2 sow	1 tatld	1 bt	1 fwinas	1 fwr	1 grad
2 soald	1 tas	1 bet	1 forma	1 fet	1 gore
1 soiald	1 talt	1 lost	1 sas	1 farnes	1 yar
1 sols	1 tis	1 brast	1 fen	1 faria	1 bave
1 sors	1 tuld	1 lest	1 fonrm	1 bar	1 garve
1 olsd	1 towld	1 basd	1 bedm	1 frr	1 gau
1 dswld	1 toes	1 bestt	1 brm	1 frnr	1 garde
1 Sloes	1 talld	1 gone	1 fem	1 foar	1 gafs
1 alls	1 tald	1 bed	1 fawin	1 fari	1 gabe
1 oire	1 tolt	1 brvs	1 fixet	1 brnd	1 gied
1 soa	1 tlod	1 bhas	1 fm	1 ferw	1 gaus
1 saeshd	1 toet	1 has	1 thor	1 farde	1 gayr
1 old	1 ltet	1 bsts	1 frn	1 f	1 gafe
1 sdet	1 tot	1 dast	1 chas	1 jwe	1 kaf
1 salded	1 sal	1 viest	1 forre	1 fred	1 gay
1 sam	1 tatel	1 bst	1 forld	1 biare	1 vareo
1 syne	1 toad	1 bes	1 ferom	1 sre	1 gov
1 salel	1 tolo	1 wers	1 frll	1 Fore	1 daieo
1 svol	1 tld	1 rest	1 fors	1 alan	1 gaye
1 solr	1 thas	1 bese	1 florestm	1 fral	1 giav
1 sotd	1 tolerd	1 baste	1 Frorre	1 fwin	1 kag
1 sofh	1 toold	1 buan	1 some	1 pence	1 gae
1 cold	1 lest	1 bet	1 fornm	1 is	1 lta
1 colae	1 toeae	1 bood	1 Faum	1 fore	1 for
1 sanr	1 tell	1 vovr	1 hent	1 zar	1 gaub
1 sorrd	1 tos	1 was	1 fram	1 frro	1 gaut
1 ucate	1 tat	1 oas	1 from	1 boest	1 galse
1 soild	1 toild	1 fintz	1 liry	1 ba	1 geif
1 wobd	1 torb	1 vast	2 frm	1 filir	1 gaj
1 ver	1 sod	1 vaste	1 voir	1 fur	1 gif
1 tans	3 toll	1 basts	1 fan	1 foare	1 gof
1 soul	2 tad	1 bate	1 fame		1 gat
1 sall	2 tall	1 bete	1 fo		1 gob
1 sose	2 tald	1 boolk	1 foma		1 gure
1 gst	1 tllso	1 brat	1 Food		
1 soll	1 most	1 benst	1 gst		
1 sat	1 tord	1 bess	1 dort		
1 sn	1 tong	1 dost			
1 sald	1 toeb				
1 see	1 home				

11 [illegible]	12 [illegible]	13 [illegible]	14 [illegible]	15 [illegible]	16 [illegible]
5 [illegible]	1 [illegible]	2 [illegible]	1 [illegible]	1 [illegible]	14 [illegible]
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5 [illegible]	1 [illegible]	2 [illegible]	2 [illegible]	3 [illegible]	3 [illegible]
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52 alike

15 alik
9 alic
4 alake
3 al
3 alak
2 borr
2 cofad
2 alice
2 alc
1 alid
1 Flark
1 lice
1 alke
1 allke
1 ulic
1 allice
1 axeig
1 eli
1 alire
1 alap
1 aliak
1 bamr
1 alite
1 aligc
1 ulike
1 ailike
1 barese
1 allt
1 like
1 akil
1 alim
1 alya
1 alit
1 allac
1 ala
1 alle
1 cary
1 da
1 thit
1 llc
1 lou
1 allogg
1 at
1 gab
1 alick
1 alingk
1 ares
1 olc
1 adik
1 lic
1 lach
1 alk

31 add

48 ad
9 at
8 ade
2 adde
2 ol
2 atd
2 ada
2 adal
1 ale
1 a
1 old
1 ahad
1 frafr
1 ahak
1 are
1 aue
1 attd
1 artd
1 alld
1 ald
1 atde
1 aet
1 aud
1 acod
1 atid
1 addu
1 arysa
1 aer
1 aod
1 ioo
1 atd
1 adt
1 gabe
1 ti
1 aed
1 aad
1 tars
1 ado
1 aid

31 brave

18 brav
7 bave
3 brar
3 brau
3 fra
3 braf
2 breaf
2 drave
2 brv
2 bav
3 bra
2 fray
1 bar
1 fraf
1 brove
1 brak
1 baev
1 bras
1 brax
1 orst
1 rav
1 draf
1 gra
1 bradd
1 brare
1 botne
1 bu
1 bhr
1 brig
1 brate
1 dad
1 buave
1 brafe
1 tiaf
1 bru
1 frare
1 ovav
1 ur
1 brayofa
1 bray
1 birat
1 baf
1 brag
1 biab
1 for
1 ol
1 brrr
1 fa
1 drat
1 Bob
1 baf
1 Bgur
1 reu
1 ras
1 fef
1 bojo
1 breif
1 bars
1 Brave
1 brat
1 brae
1 vens

57 corn

7 con
5 carn
5 can
4 horn
4 cor
3 cone
3 ern
2 kon
2 coo
2 cord
2 korn
1 cornd
1 gom
1 come
1 carn
1 kkorn
1 cane
1 chorn
1 car
1 yooen
1 coim
1 conem
1 cince
1 caeker
1 krn
1 kor
1 com
1 giget
1 coirn
1 borne
1 corne
1 frnr
1 chom
1 cron
1 bare
1 oosr
1 cde
1 coon
1 alle
1 cans
1 cont
1 goen
1 korm
1 Korn
1 gran
1 bras
1 canr
1 cun
1 cam

16 dance

27 dans
13 das
6 danse
7 danes
4 dard
3 dase
2 dands
3 danst
2 dass
2 dinse
2 danc
3 dants
2 dens
2 dant
1 dalt
1 drird
1 cord
1 darss
1 drases
1 dan
1 has
1 hast
1 dast
1 daenen
1 denr
1 doas
1 drnse
1 Dance
1 bank
1 dansce
1 derie
1 rrsr
1 dn
1 dangof
1 des
1 brn
1 cars
1 tiss
1 tans
1 tas
1 fate
1 at
1 fas
1 dm
1 seven
1 den
1 thans
1 tere
1 dancke
1 deands
1 drot
1 dunes
1 tns

15	alto	10	ad	16	bore	1	bof	1	ome	27	dance
7	alla	9	ch	1	bore	1	bgm	3	ocon	17	dae
4	alabs	3	ada	1	bror	1	ros	3	ocn	8	dance
3	al	2	adia	3	bres	1	ros	4	bors	7	dance
3	alab	2	ol	3	ire	1	rof	4	ooc	4	dard
3	bore	2	ad	3	bord	1	bejs	3	oons	3	dane
2	ooful	2	ada	3	bmaf	1	brolf	3	ors	3	dandle
2	altos	2	ada	2	dirbo	1	bors	2	ron	3	dance
2	ala	1	ala	2	bor	1	ahrp	2	ono	2	dane
1	alla	1	a	2	bor	1	brof	2	ond	2	dirny
1	Pirs	1	ala	3	bro	1	brol	1	bors	2	dano
1	lire	1	ahrf	2	ffor	1	vrma	1	ooral	2	dirts
1	alto	1	frofr	1	bor			1	gon	2	dano
1	altis	1	ahrf	1	fmf			1	ono	2	dart
1	ulia	1	ano	1	brrve			1	ocrs	1	dirt
1	ulias	1	ma	1	brrt			1	ldors	1	dirtd
1	ahrf	1	alia	1	brov			1	ons	1	ooof
1	[illegible]	1	ocrf	1	bron			1	ofors	1	dance
1	alias	1	alia	1	bron			1	ooc	1	dpruno
1	ulia	1	ald	1	ocrd			1	jrons	1	dan
1	altol	1	ula	1	ccr			1	ooin	1	ban
1	bmr	1	aft	1	ford			1	orrma	1	bard
1	alto	1	ond	1	gro			1	ofone	1	dont
1	ulia	1	aal	1	brrdo			1	ooofor	1	dandan
1	ulia	1	ulid	1	orrcs			1	ond	1	dmr
1	altis	1	ahlm	1	bmbr			1	lor	1	bmr
1	bmrm	1	ngrm	1	bo			1	oon	1	dirno
1	alrr	1	ncr	1	bor			1	ghyl	1	fmmr
1	bilo	1	ond	1	brlg			1	ooln	1	bmr
1	ahrl	1	ian	1	bmrb			1	bmrs	1	dmmrd
1	ulia	1	ahf	1	lnc			1	ocrm	1	dmrb
1	altm	1	ala	1	bmrs			1	ldrm	1	dmr
1	ahlb	1	gnm	1	brrcb			1	ohm	1	da
1	ulias	1	ft	1	ffmf			1	mrm	1	dmmrd
1	ula	1	ahf	1	bmr			1	bmr	1	dar
1	ulia	1	ond	1	ldrma			1	ohr	1	bmr
1	ahrr	1	lmm	1	orrr			1	ldo	1	mrm
1	da	1	ula	1	ma			1	ccm	1	ldmr
1	ulab	1	ahb	1	bmrgmb			1	ulib	1	lmmr
1	ilo			1	brmr			1	ldmr	1	ma
1	lam			1	bldrs			1	ldmr	1	ffbm
1	ahlmr			1	bmf			1	gnm	1	ft
1	ml			1	brmr			1	lmm	1	fbf
1	ahr			1	ldmb			1	ldrr	1	ma
1	ulab			1	ldr			1	gnm	1	mmrm
1	ulimg			1	ml			1	lrrm	1	bmr
1	mmr			1	bmrm			1	ahmr	1	ldmm
1	ahr			1	fm			1	mbm	1	bmr
1	ahlr			1	lmmr			1	mm	1	lmmrm
1	ilo			1	lmb					1	bmmrb
1	lam									1	lmrr
1	ahm									1	lmmrm
1	ahr									1	bmr

26 dinner

24 dinr
8 diner
5 denr
3 danr
3 dinre
2 dinnr
2 dnr
3 denre
2 denner
2 din
2 dnre
2 dinnir
1 thiner
1 gead
1 denar
1 drnr
1 dern
1 aisn
1 derd
1 dlnoe
1 drinr
1 dura
1 der
1 dinrn
1 timn
1 tin
1 dtner
1 denier
1 eas
1 dearell
1 dimar
1 dineaer
1 Dinery
1 Dinre
1 damar
1 dinina
1 dirnire
1 dinrren
1 dindr
1 dan
1 daenr
1 viry
1 lune
1 dinir
1 dirn
1 ter
1 tenr
1 tdood
1 bu
1 fer
1 drnok

1 dener
1 derlona
1 deanr
1 dinar
1 demrn
1 devr
1 tinb
1 dinare
1 Dinner
1 den
1 are
1 dinnar
1 esre

43 egg

18 ag
11 agg
8 agge
5 egge
3 eggs
2 age
3 eag
3 gag
2 eog
2 ege
1 gll
1 agae
1 erne
1 ac
1 ad
1 ego
1 gga
1 agu
1 aggs
1 adoneg
1 aggle
1 aegg
1 ak
1 agos
1 eogg
1 ages
1 aga
1 agger
1 rry
1 aaern
1 egges
1 go
1 aked
1 afll
1 euon
1 ago
1 al
1 lk
1 oegg
1 agll
1 sgg
1 aers
1 eg
1 agog
1 eyrar
1 geek
1

74 looks

4 look
4 lues
3 loks
3 laes
2 likes
2 eas
2 lucks
2 loocs
2 lls
1 log
1 luks
1 looce
1 lookes
1 book
1 luc
1 Lume
1 es
1 liks
1 loiit
1 lecs
1 linlooks
1 lukss
1 looke
1 lyse
1 kooks
1 lokes
1 luco
1 manull
1 lts
1 lak
1 lboo
1 aood
1 looc
1 locs
1 lags
1 too
1 tso
1 l
1 lac
1 lo
1 lrsk
1 lookl
1 lus
1 boos
1 illrs
1 los
1 looes
1 lys
1 loss
1 bossk
1 bookay

48 rich

8 rech
5 rih
3 rch
3 rach
3 rith
2 rig
2 red
2 ric
2 rec
2 rik
2 rn
2 rah
2 reach
1 reck
1 ren
1 rist
1 rice
1 rone
1 rihs
1 rogo
1 llik
1 regd
1 reg
1 rinen
1 riching
1 rige
1 reks
1 rean
1 reak
1 reoth
1 neac
1 ris
1 rong
1 xou
1 refy
1 reke
1 res
1 shtl
1 reure
1 rch
1 ram
1 ritc
1 reche
1 rin
1 retr
1 reh
1 resn
1 ruz

1 rur
1 regr
1 riy
1 rier
1 rishi
1 ref
1 rals
1 rit
1 brisat
1 wich

24	dine	1	dance	11	ag	1	loc	8	tree	1	ric
8	diner	1	delicious	1	age	1	lone	4	rib	1	river
7	door	1	dance	1	ugge	3	lora	3	rab	1	rip
7	dar	1	diner	1	aggr	1	lone	2	rach	1	rice
5	dirre	1	dance	1	ogge	1	liner	2	rich	1	rabi
5	diner	1	lure	1	lge	8	ere	2	rig	1	red
5	der	1	high	3	eg	2	lada	2	red	1	rain
3	dance	1	dinere	3	eg	2	lone	2	rib	1	rib
3	dener	1	liner	3	eg	2	lla	2	ren	1	bribed
3	din	1	den	3	ego	1	lar	2	rir	1	mich
3	dere	1	ere	3	gli	1	lake	2	rm		
3	diner	1	diner	1	ogle	1	lone	2	rob		
1	liner	1	ere	1	ere	1	lodge	2	rach		
1	gal			1	ge	1	bck	1	rel		
1	dorr			1	el	1	lne	1	rem		
1	drp			1	ego	1	lmn	1	rlat		
1	dere			1	dge	1	ln	1	rim		
1	ales			1	age	1	lle	1	rmm		
1	dorl			1	ngge	1	lelk	1	rbs		
1	dlme			1	ellmr	1	lmr	1	rmp		
1	drir			1	mgle	1	lrlmre	1	lll		
1	dure			1	mge	1	lmm	1	rmd		
1	der			1	ek	1	lmle	1	rmg		
1	dlmr			1	dgre	1	lrne	1	rlmr		
1	tlmr			1	mge	1	lrmm	1	rlmlmr		
1	sis			1	mre	1	lmmr	1	rlgr		
1	dlmr			1	ge	1	lmr	1	rmr		
1	lmlmr			1	dmmr	1	mmrll	1	rmm		
1	ere			1	rrr	1	lrr	1	rmr		
1	lmrrll			1	mrrm	1	lm	1	rmrl		
1	dlmr			1	mlgre	1	lmre	1	mmm		
1	dlmrmr			1	gr	1	mmd	1	rlr		
1	lmmry			1	dmgl	1	lmm	1	rmm		
1	lrmre			1	mll	1	lmr	1	rm		
1	lmmr			1	mmm	1	lmge	1	rmlr		
1	dlmlm			1	mgo	1	rrm	1	rmlm		
1	dlmlm			1	gl	1	lme	1	rm		
1	dlmrrm			1	lk	1	l	1	mll		
1	dlmr			1	mmr	1	lmm	1	rmrm		
1	dm			1	mgll	1	lr	1	rrr		
1	lmmr			1	mgr	1	lrrr	1	rm		
1	rlrr			1	mrr	1	lmrll	1	rlm		
1	lmm			1	gg	1	lm	1	rmrm		
1	dlmr			1	dgm	1	lmm	1	rrr		
1	dlmr			1	lmm	1	lr	1	rm		
1	lmmd					1	lmr	1	rm		
1	lm					1	lmm	1	rm		
1	lrr					1	lmmr	1	rmr		
1	lrmrl					1	lmmrr				

117 third	92 push	69 point	129 within	59 done
10 therd	21 puch	25 pont	6 wihin	42 dun
9 Third	11 poosh	15 pount	3 wthin	23 don
8 thrd	11 posh	8 poynt	3 whtin	10 dan
7 thrid	4 poush	6 poet	2 withi	7 doun
4 there	4 puche	4 poent	2 whithin	5 dune
3 thred	2 puse	3 poyt	2 with-in	3 dong
2 thirde	2 pooch	3 pint	2 winin	3 down
2 3rd	2 poy	3 pot	2 whin	2 dum
1 bib	1 pwsh	2 poyt	2 win	2 duon
1 fird	1 faehs	2 paint	2 wethin	1 dund
1 tird	1 puched	1 port	2 thin	1 danite
1 3md	1 pach	3 ponit	1 wiin	1 donc
1 trode	1 Buhe	1 pion	1 weehin	1 doned
1 grade	1 poish	1 ponte	1 wethine	1 donet
1 threef	1 pewch	1 pouret	1 wihtin	1 doon
1 thord	1 pust	1 pointe	1 wey	1 don
1 thurd	1 poth	1 porte	1 witin	1 doeode
1 thrrd	1 poche	1 punt	1 whine	1 dunn
1 thirth	1 pushc	1 poont	1 wenin	1 doone
1 Tlird	1 pgsh	1 pnt	1 wilkin	1 dunce
1 taeerd	1 hskam	1 poot	1 dihtin	1 doint
1 thirt	1 ted	1 pote	1 widhin	1 than
1 th	1 bashe	1 poyd	1 beni	1 daun
1 theo	1 poarh	1 poin	1 in	1 dane
1 thrnd	1 boh	1 poyit	1 whiin	1 dom
1 irk	1 poni	1 ponint	1 withe	1 now
1 thaid	1 pok	1 poient	1 potin	1 thine
1 Thitd	1 puhe	1 piont	1 witen	1 theon
1 thered	1 bot	1 paun	1 withing	1 palas
1 the	1 pin	1 pont	1 wisin	1 dovn
1 fred	1 pinch	1 pane	1 with	1 lomit
1 Thirde	1 bosh	1 paentdc	1 whitin	
1 dore	1 bush	1 pain	1 wit	
1 that	1 porse	1 pa	1 witheng	
1 dard	1 purhs	1 puot	1 weain	
	1 bucks	1 pon	1 whi	
	1 pish	1 poeit	1 wdin	
	1 pushen	1 poned	1 weden	
	1 pooh	1 potene	1 arihin	
	1 pochs	1 ponch		
	1 pack	1 poushe		
	1 pus	1 poen		
		1 puint		
		1 poist		
		1 bat		
		1 white		

14	blood
6	field
5	stand
7	night
4	flower
3	floral
3	bristle
3	foal
1	bib
1	fled
1	hurt
1	jail
1	trade
1	grade
1	blurred
1	flood
1	blend
1	shard
1	bleak
1	trial
1	tassel
1	saint
1	ik
1	time
1	blind
1	tic
1	dead
1	tidal
1	blend
1	the
1	foal
1	battle
1	flare
1	foal
1	dark

21	pink
17	porch
11	peak
4	pecan
4	petite
3	pine
3	poach
3	pray
1	peck
1	tube
1	packed
1	peak
1	tube
1	point
1	porch
1	peat
1	peak
1	pleb
1	pick
1	pick
1	pick

71 body

13 bode
8 bady
4 boody
3 bade
3 budy
3 boddy
2 boby
2 Body
2 babe
2 buddy
2 boy
2 bodey
1 bale
1 boae
1 baye
1 baty
1 biy
1 bury
1 bate
1 bory
1 boday
1 bood
1 bodyt
1 buddy
1 dody
1 doudy
1 bocy
1 fooot
1 bold
1 boet
1 bodde
1 Bobee
1 bayd
1 boldy
1 batd
1 bodes
1 bod
1 hiten
1 bothy
1 brag
1 boghd
1 bwrid
1 boad
1 budley
1 boidy
1 bad
1 bere
1 bidie
1 bathere
1 budi
1 bore
1 bare
1 bari
1 boiy
1 bothe
1 bode
1 boude
1 boody
1 pody
1 baine
1 badye
1 boule
1 bae
1 bole

91 belongs

40 belong
4 blong
4 belons
2 beling
2 bilobng
2 belomg
2 blongs
2 blone
2 blogs
2 be-long
1 beloneg
1 Belongs
1 belagd
1 beloen
1 belon
1 blons
1 billans
1 blang
1 bloon
1 beomgs
1 bloons
1 bealong
1 belonge
1 bellong
1 blon
1 belong's
1 bilongs
1 the
1 belings
1 belonso
1 bes
1 blo
1 blaings
1 belonse
1 beloags
1 bloing
1 blan
1 belgs
1 Belone
1 bols
1 bylongs
1

55 cheese

25 chees
15 chese
14 ches
6 chess
4 cheese
4 shees
4 cheas
4 shes
3 shess
3 chis
2 chise
2 chies
1 shis
1 chesa
1 chene
1 sgheise
1 chues
1 cese
1 cheez
1 sheesh
1 sheas
1 Jaunt
1 chesess
1 cees
1 cessnt
1 cheeses
1 cheece
1 chich
1 chens
1 cheess
1 cehas
1 keshin
1 shieis
1 chidzo
1 cheasg
1 chiss
1 chesses
1 choes
1 mas
1 chenr
1 checere
1 chid
1 cheaes
1 cheser
1 cheuse
1 chiess
1 ces
1 gee
1 cheaze
1 sheey
1 cheehs
1 cheis
1 chias
1 sheese

24 earn

21 ern
9 urn
7 rn
6 rnd
5 orn
3 ron
4 erne
3 rean
3 ernd
3 rubn
3 rne
3 arn
3 orn
2 rurn
2 cairn
2 eirn
2 rend
2 ren
2 arnd
2 ornd
2 erns
1 cerne
1 rur
1 arne
1 rine
1 ornth
1 winl
1 uoreng
1 rearte
1 horne
1 anen
1 rot
1 ared
1 ean
1 rnst
1 onrn
1 erin
1 renci
1 rrdn
1 ar
1 arid
1 ran
1 rned
1 rung
1 erun
1 earne
1 earnes
1 wine
1 or
1 orne
1 hmch
1 wrans
1 rar
1 harness
1 eren
1 end
1 rom
1 rown
1 eurn
1 rened
1 eran
1 ruon
1 earen
1 rny
1 rhrn
1 cleen
1 aern
1 rane
1 rna
1 oren
1 rue
1 Rune

17. body		18. bolonoo		19. abonoo		20. ooo	
1 bodo	1 bodi	1 bolong	1 bolo	1 abono	1 ooo	1 ooso	
1 body	1 boro	1 bolong	1 bolong	1 abono	1 ooo	1 ooi	
1 boody	1 boro	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooo	
1 bodo	1 bori	1 bolimo	1 bolimo	1 abono	1 ooi	1 ooso	
1 body	1 boly	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodi	1 bolba	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 body	1 boda	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodo	1 boola	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodo	1 boody	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 boody	1 body	1 bo-lomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 boy	1 bolma	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodoy	1 bolma	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bolo	1 bolla	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 boos	1 bo	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bogo	1 bola	1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 boty		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bly		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 boy		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bole		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 boty		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 boody		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodi		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodoy		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodi		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodo		1 bolomo	1 bolomo	1 abono	1 ooo	1 ooso	
1 bodi

28 feather

59 fether
10 father
6 ferther
4 feder
4 fear
4 fathr
2 fader
3 fearther
3 fethr
4 fethre
2 fathre
2 fither
2 fedar
1 flether
1 feader
1 fahte
1 feter
1 faith
1 fathe
1 fithr
1 fethir
1 Fethes
1 feer
1 ferce
1 feetres
1 farine
1 fefer
1 fecher
1 fomiat
1 feir
1 feddr
1 fater
1 fathar
1 fanr
1 fatherde
1 faher
1 fun
1 feadr
1 faver
1 teth
1 fahter
1 fens
1 fetser
1 mone
1 fer
1 hetater
1 feteter
1 fetr
1 frer
1 beather
1

1 facr
1 fine
1 fhttes
1 fetfer
1 far
1 faieter
1 fedr
1 fezar
1 faither
1 ferth

56 fence

24 fens
15 fans
8 fance
7 fense
7 fents
5 fenc
3 feneser
2 face
2 fanc
2 fes
2 fenec
2 fins
2 fanse
1 fese
1 foes
1 fince
1 fnce
1 fants
1 feacn
1 seeste
1 fentce
1 feanst
1 fece
1 fenes
1 fench
1 fencer
1 fast
1 fems
1 feng
1 fome
1 you
1 Jes
1 founs
1 fene
1 finis
2 fass
1 fansd
1 fanes
1 fas
1 feando
1 fience
1 fends
1 fi
1 fince
1 finch
1 fernse
1 fons
1 fani
1 festu
1 fant

1 fanes
1 fecens
1 faute
1 fats
1 fauds
1 fenss
1 fan

29 honey

24 hony
15 huny
14 hune
7 honny
7 hunny
6 hone
3 huning
3 hane
2 hany
2 heny
2 hoeny
2 hanny
2 hne
2 huney
2 hunne
1 hnie
1 hoane
Q levis
1 hney
1 hunt
1 Kane
1 henil
1 hame
1 honycy
1 honery
1 hoone
1 hond
1 honee
1 hat
1 hucy
1 hume
1 honic
1 din
1 fund
1 hinner
2 honye
1 hone
1 Hnce
1 handee
1 hey
1 hanerd
1 honneye
1 hans
1 hunge
1 honiee
1 hay
1 hunney
1 hine
1 hynong
1 hice

1 hanin
1 hum
1 hene
1 hung
1 hungs
1 joni
1 hinine
1 hicineg
1 hcnn
1 honney
1 geng
1 gonei
1 hcnne
1 hnne
1 huni

50	Feature	1	Gate	24	Home	1	Jacket
7	Number	1	Glue	11	Hook	1	Jump
6	Picture	1	Grocery	8	Image	1	Jump;
4	Place	1	Grocer	7	Hurry	14	Jump
4	Place	1	Grocer	7	Hurry	1	Jump
4	Price	1	Hair	7	Hurry	1	Jump
4	Price	1	Hairdre-	3	Hand	1	Jump
3	Order	1	Hair-	3	Hand	1	Jump
3	Question	1	Hence	3	Hand	1	Just
3	Price	1	Hatchet	3	Hand	1	Kitchen
3	Picture	1	Hardwa-	3	Hand	1	Kitchen
2	Picture			3	Hand	1	Lace
2	Picture			3	Hand	1	Lamp
2	Picture			3	Hand	1	Lamp
2	Picture			3	Hand	1	Lamp
2	Picture			3	Hand	1	Lamp
2	Picture			3	Hand	1	Lamp
2	Picture			3	Hand	1	Lamp
2	Picture			3	Hand	1	Lamp
1	Picture			3	Hand	1	Lamp
1	Picture			3	Hand	1	Lamp
1

100 letters			39 orange			35 pocket			
12	letter	1 larn	15	oinge	1 oego	21	poket	1	paroit
6	leters	1 letr	10	orang	1 orek	11	pocet	1	puchot
4	latters	1 lettres	9	oring	1 allre	5	pact	1	boget
4	letrs	1 laftars	8	orng	1 pocat	3	puket	1	pobhit
2	litters	1 orinch	3	orench	1 ornck	3	pakt	1	pocete
2	litter		4	orenge	1 orgeae	3	pacat	1	bocat
2	lestler		2	oringe	1 oreege	3	packet	1	puckt
2	lers		2	orngu	1 oranch	3	pocat	1	puck
2	latter		2	organ	1 par	3	poot	1	pocant
2	lettrese		2	oreng	1 ohere	3	pokit	1	pech
1	leades		2	orage	1 ornhs	3	pocot	1	bocket
1	laters		2	orangs	1 orenj	2	pucat	1	puhet
1	leallts		2	orngs	1 o	2	pockit	1	pok
1	ledr		2	orneg	1 oreichs	2	pochet	1	hocat
1	leteir		1	oronge	1 orging	2	pock	1	pucit
1	lettrs		1	oraeng	1 ornje	2	pacet	1	poche
1	lettles		1	omah	1 orych	2	pockt	1	pocted
1	letteres		1	swepping	1 orenche	1	pert	1	pain
1	latre		1	orong	1 orincho	1	pachat	1	bair
1	leathers		1	orgens	1 orangy	1	balkt	1	pocite
1	lurs		1	orag	1 org	1	pacts	1	pocit
1	lettirs		1	oregon	1 orgnthe	1	beet	1	pxet
1	letr		1	ornch	1 ornench	1	puct	1	bodyer
1	lettles		1	orench	1 oqrng	1	peket	1	pac
1	lillte		1	orner	1 onege	1	poit	1	pockeat
1	letterrs		1	origige	1 cow	1	pacit		
1	lether		1	orring	1 orecke	1	pokat		
1	lathr		1	orgene	1 ornuge	1	poucet		
1	the		1	oranege	1 arenge	1	pakep		
1	latrs		1	ornes	1 orege	1	pockes		
1	laets		1	orngo	1 och	1	pokkete		
1	lattrs		1	ornging	1 areg	1	pochat		
1	letrss		1	orngigg	1 ornig	1	poker		
1	lataerss		1	ornger	1 ornnge	1	pokiter		
1	legs		1	oreing	1 poite	1	horennch		
1	little		1	oringht		1	pocte		
1	leas		1	ooirng		1	pocke		
1	letter's		1	ornege		1	poke		
1	lonr		1	oremgr		1	palset		
1	lettls		1	oremgit		1	pogct		
1	lerttle		1	orgense		1	pocket		
1	litrs		1	onag		1	pohet		
1	lorls		4	oinge		1	poet		
1	lalrs		1	oings		1	hest		
1	letras		1	orig		1	pokei		
1	lards		1	orotin		1	pokt		
1	lares		1	orshe		1	jap		
1	lars		1	ormeaf		1	shih		
1	leder		1	ormcher		1	pokes		
1									

10 letters

10 jaitiro
9 jaitoro
9 jaitowa
8 jaitiro
7 jitiwa
7 jitiro
7 jaitiwa
7 jaka
7 jaiter
7 jaitowa
7 jaiko
7 jairo
7 jaitis
7 jaic
7 jaiwa
7 jaitowa
7 jaitiwa
7 jaiwa
7 jaitiwa
7 jaiwa
7 jaitis
7 jaitowa
7 jaiwa
7 jaitiwa
7 jaiwa
7 jaitis
7 jaiwa
7 jaitiwa
7 jaiwa
7 jaitiwa
7 jaiwa
7 jaitiwa

63 shoes

30 shose
9 shoos
8 shos
5 shows
5 shous
5 choos
3 shus
4 shoe
3 shoose
2 chose
2 shoses
2 chos
2 shus
2 shause
2 shoas
1 saos
1 shosh
1 showse
1 shoos
1 shoeses
1 shoues
1 choe
1 shoets
1 shen
1 shosres
1 afr
1 steou
1 schas
1 shu
1 chas
1 soas
1 shues
1 shohe
1 cheese
1 shaos
1 shoer
1 schois
1 shoies
1 shoees
1 shouts
1 hoins
1 sheaose
1 shuse
1 choses
1 shors
1 cheras
1 chase
1 chuer
1 choos
1 chews
1 shouse

36 stairs

31 sters
29 stars
6 stares
6 stears
4 stires
3 steirs
3 stair
3 stras
3 ster
2 stois
2 stare
2 steres
2 stats
2 steares
2 stirs
2 stearse
2 satrs
2 star
2 sterse
1 staers
1 stres
1 astars
1 sthiars
1 staira
1 staires
1 stear
1 strs
1 the
1 trairs
1 thke
1 starr
1 starge
1 sease
1 str
1 strshe
1 stans
1 stair's
1 stoes
1 stuers
1 tions
1 stari
1 stire
1 starts
1 strars
1 asthrs
1 astars
1 stas
1 sear

27 stream

35 strem
12 streem
11 strim
8 stem
8 streme
7 strem
5 steam
4 strmg
3 stream
3 strems
3 strin
3 stene
3 stram
2 atraem
2 sterem
2 starn
1 stime
1 stenge
1 storm
1 strian
1 estens
1 steen
1 steim
1 srtrn
1 sream
1 strome
1 steame
1 strtmen
1 srime
1 srim
1 ston
1 fos
1 satrems
1 strme
1 sen
1 srens
1 sten
1 struin
1 streri
1 shring
1 sttram
1 strm
1 strimeg
1 strrs
1 stom
1 stim
1 strains
1 st
1 sine
1 stuthe
1 sime

1 astoine
1 strerem
1 streem
1 steme
1 stone
1 stime
1 stremes
1 strima
1 strnyn
1 estim
1 srting
1 steram
1 strime

20	abase	11	abate	13	atom	1	aptitude
9	abbess	10	abbess	12	abbess	1	abbreviate
8	abbe	8	abbess	7	abbie	1	abbess
5	abbess	4	abbess	5	abbe	1	abbe
5	abbess	4	abbies	5	abbess	1	abbess
5	abbies	3	abbies	4	abbe	1	abbie
5	abbie	3	abbie	3	abbie	1	abbreviate
4	abbe	3	abbes	3	abbe	1	abbies
3	abbess	3	abbe	3	abbess	1	abbess
3	abbie	2	abbie	3	abbie	1	abbie
3	abbies	2	abbies	3	abbies	1	abbie
3	abbes	2	abbie	2	abbie	1	abbie
2	abbie

74 tiny	101 words	
41 tine	11 wrds	1 werdes
11 tinny	7 werds	1 wise
6 tiney	4 wors	1 werzo
2 tuyny	3 wrs	1 wordes
2 tieny	2 was	1 wer
2 tinie	2 weres	1 werer
2 tin	1 worths	1 wkrs
4 tinney	1 tuane	1 werd
2 tain	1 riting	1 werdt
1 tan	1 worde	1 worlds
1 tinding	1 wres	1 gards
1 tiry	1 wros	1 weirds
1 tining	1 sherds	1 wards
1 tineey	1 wrods	1 whar
1 tintey	1 srsh	
1 tinte	1 wargs	
1 timeing	1 wrod	
1 timine	1 wordis	
1 tirne	1 wrne	
1 urns	1 works	
1 tune	1 worsas	
1 tinrs	1 wordd	
1 tiv	1 worrt	
1 temen	1 arh	
1 latte	1 witi	
1 ten	1 wooe	
1 tinner	1 wids	
1 tienei	1 woris	
1 ting	1 wers	
1 wing	1 wis	
1 time	1 wrsd	
1 ton	1 weods	
1 tinge	1 wrdse	
1 tily	1 boors	
1 tinguee	1 wrns	
1 tony	1 wods	
1 tini	1 wroden	
1 torme	1 than	
1 stine	1 whord	
1 toiny	1 wrss	
1 tuiny	1 works	
1 teney	1 wrawds	
1 line	1 wose	
2 tone	1 worse	

[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	

119 needle	147 nobody	44 oar	77 palace	
9 neddle	5 nowbody	56 ore	8 place	1 palasio
8 nedle	4 knowbody	21 or	8 palase	1 plalce
6 neadle	4 nobady	15 our	7 palce	1 pllues
4 needl	4 nobary	10 ower	6 palice	1 peales
3 niddle	2 nobudy	8 oer	5 palas	1 peales
2 neeld	2 hoboy	7 owr	4 palis	1 pelles
2 nidle	1 nobidy	3 orer	4 pales	1 pallis
2 neadil	1 nobcdey	2 ory	4 pallas	1 palleus
1 nedele	1 nowboody	2 eor	3 palese	1 plased
1 nendel	1 nobcby	1 oraw	3 palece	1 plasis
1 neidles	1 nobouth	1 oroe	2 places	1 plaes
1 neeled	1 noubcudy	1 oresores	2 pallace	1 palces
1 neede	1 non	1 ors	2 pallece	1 peoples
1 needlle	1 nobcary	1 oure	2 palass	1 pelas
1 neadel	1 noobody	1 oreaer	1 plece	1 plase
1 nedel	1 noubyt	1 ofor	1 plice	1 palles
1 need	1 nobog	1 ard	1 plalis	1 paclace
1 nedile	1 nonblody	1 soring	1 polcae	1 palls
1 needele	1 nornedly	1 owe	1 plise	1 plauce
1 neeand	1 nobaby	1 orl	1 pealis	1 paleso
1 niller	1 kowbody	1 awer	1 palaces	
1 neld	1 nobotty	1 are	1 polase	
1 nedll	1 noboyd	1 houre	1 palus	
1 needul	1 noboday	1 orn	1 pass	
1 neaidle	1 nobury	1 ora	1 polys	
1 neled	1 nobode	1 row	1 pelace	
1 nealdy	1 nopie	1 orther	1 pailave	
1 neldel	1 noboody	1 aor	1 palaiss	
1 nelad			1 plaise	
1 negal			1 pleace	
1 needil		143	1 pelass	
1 meadel			1 plais	
1 nild			1 plic	
1 nedla			1 pelic	
1 nedo			1 paloae	
1 nidell			1 placess	
1 nellre			1 pacle	
1 nidel			1 plaston	
1 niale			1 plassen	
1 nillor			1 plalas	
1 milldl			1 passes	
1 nildel			1 pleass	
1 neal			1 plas	
1 nedles			1 palce	
1 indeed			1 palise	

1/2 medio	1/4 medio	1/8 medio	1/16 medio
1 medio	2 medio	4 medio	8 medio
1 medio	2 medio	4 medio	8 medio
1 medio	2 medio	4 medio	8 medio

91 penny	55 pitcher	38 regular	
30 peny	45 picher	14 reguler	1 reggler
20 peney	23 picture	11 regler	1 reglur
17 penney	4 peacher	5 ragler	1 reggur
4 pane	5 picthure	3 reglar	1 regglar
3 peany	5 pecher	3 regelre	1 erlgar
3 pany	7 piture	2 ragular	1 redl
3 penne	3 pucture	2 regurlar	1 rlgar
2 penie	2 pither	2 raglar	1 roglor
2 paney	2 picth	2 rigler	1 areglar
1 Penny	2 picther	2 regelar	1 regles
1 peane	2 picker	2 reagler	1 reglor
1 panny	2 picure	2 reglure	1 redear
1 penely	2 pisher	2 reguler	1 reluge
1 poney	2 picter	1 ragrula	1 regyour
1 peaney	1 pipteure	1 reaguler	1 rageler
1 peance	1 pichur	1 regalar	1 regule
1 pmeny	1 pitchar	1 rigurarl	1 regulaer
1 pennel	1 pecter	1 regulare	1 rarler
1 panney	1 pesher	1 regeral	1 reuor
1 pneye	1 peach	1 runnte	1 regor
1 pean	1 pice	1 reagyaor	1 reagller
1 pennie	1 picts	1 raugerer	1 reular
1 pinney	1 piekcher	1 regeliar	1 regalar
	1 pycher	1 regulard	1 dragyouler
	1 pictur	1 reaugrlar	1 regiyoulard
	1 pictcher	1 regulur	1 lagilar
	1 pechter	1 zguler	1 recaber
	1 pitchur	1 wryor	1 erager
	1 pricher	1 regels	1 reary
	1 pizah	1 raibiorald	1 reller
	1 pacture	1 repecher	1 regulare
	1 pitture	1 reagliar	1 ruyousere
	1 pitcure	1 regulair	1 ralanie
	1 pictuer	1 rover	1 rellyer
	1 piher	1 ragraler	1 rellgre
	1 porch	1 ruguler	1 reguar
	1 picech	1 ragulator	1 ragulare
	1 peature	1 enech	1 raglur
	1 picttur	1 rereruli	1 reguer
	1 piclier	1 rueglare	1 reglaruar
	1 petcher	1 rudler	1 irregulare
	1 pitchr	1 rakule	1 reguolar
	1 pitsure	1 reunlar	1 laguar
	1 pecar	1 reaglly	1 mergonase
	1 pechar	1 rulur	1 relage
	1 partner	1 ragurle	1 ruaging
		1 rald	1 regulir
		1 ruglar	1 raglie

39	[illegible]	45	[illegible]
38	[illegible]	44	[illegible]
37	[illegible]	43	[illegible]
36	[illegible]	42	[illegible]
35	[illegible]	41	[illegible]
34	[illegible]	40	[illegible]
33	[illegible]	39	[illegible]
32	[illegible]	38	[illegible]
31	[illegible]	37	[illegible]
30	[illegible]	36	[illegible]
29	[illegible]	35	[illegible]
28	[illegible]	34	[illegible]
27	[illegible]	33	[illegible]
26	[illegible]	32	[illegible]
25	[illegible]	31	[illegible]
24	[illegible]	30	[illegible]
23	[illegible]	29	[illegible]
22	[illegible]	28	[illegible]
21	[illegible]	27	[illegible]
20	[illegible]	26	[illegible]
19	[illegible]	25	[illegible]
18	[illegible]	24	[illegible]
17	[illegible]	23	[illegible]
16	[illegible]	22	[illegible]
15	[illegible]	21	[illegible]
14	[illegible]	20	[illegible]
13	[illegible]	19	[illegible]
12	[illegible]	18	[illegible]
11	[illegible]	17	[illegible]
10	[illegible]	16	[illegible]
9	[illegible]	15	[illegible]
8	[illegible]	14	[illegible]
7	[illegible]	13	[illegible]
6	[illegible]	12	[illegible]
5	[illegible]	11	[illegible]
4	[illegible]	10	[illegible]
3	[illegible]	9	[illegible]
2	[illegible]	8	[illegible]
1	[illegible]	7	[illegible]
		6	[illegible]
		5	[illegible]
		4	[illegible]
		3	[illegible]
		2	[illegible]
		1	[illegible]

77 repeats

20 repets
8 repetes
6 repetts
5 repeat
5 reipits
4 reapeats
4 repts
3 repes
3 repeacts
3 reapts
3 repcates
2 reptse
2 repess
2 reapits
2 ripets
2 reaps
1 repites
1 repits
1 relagur
1 represt
1 ripit
1 repiese
1 repoit
1 reapes
1 rpeats
1 repeate
1 report
1 ripits
1 repets
1 repter
1 repeal
1 rapis
1 repette
1 repech
1 rupess
1 repis
1 repects
1 repect
1 meripel
1 repiet
1 reprets
1 reapt
1 reproof
1 reprool
1 reapeat
1 ripech
1 reapeces
1 repeas
1 ẓerepper
1 reptse
1 rerpet
1 repss
1 repet
1 reperts
1 repies
1 repeser
1 reaprye

109 reprove

11 repruve
7 repove
4 peaprove
3 repperove
3 reproove
2 reprave
2 repurfe
2 repus
2 reprf
2 repure
1 replse
1 repry
1 repocv
1 repover
1 reperov
1 repru
1 replrin
1 reapuv
1 repuver
1 reporove
1 earn
1 repruved
1 repproved
1 reprun
1 repovere
1 reper
1 poul
1 repved
1 repuve
1 repocn
1 reaprobe
1 reproove
1 repruvede
1 rewprine
1 ruper
1 repudo
1 repruc
1 reprubed
1 repuv
1 repopve
1 reprets
1 reprowed
1 reproob
1 reproof
1 reproue
1 reprou

80 sailor

16 salor
15 sailer
15 saler
3 sailar
3 sealer
3 salare
3 salior
2 salir
2 sarler
1 salair
1 sailed
1 sayler
1 saelor
1 caler
1 sailors
1 solar
1 saliar
1 solire
1 sail
1 savor
1 salar
1 salory
1 sesser
1 seller
1 sailower
1 salyer
1 sailloar
1 slories
1 centry
1 slarons
1 saller
1 slaor
1 salour
1 sawsay
1 shor
1 saylor
1 sailour
1 salilor
1 palor
1 sailore
1 sallor
1 seller
1 selere
1 slore
1 saily
1 salors
1 slery
1 salower
1 solair
1 siolar
1 seilor
1 salore
1 saleor
1 selor
1 sailbar
1 sallre
1 saluer
1 sorls
1 sailler

20	[illegible]	7	[illegible]	11	[illegible]	15	[illegible]
1	[illegible]	7	[illegible]	1	[illegible]	1	[illegible]
2	[illegible]	3	[illegible]	2	[illegible]	1	[illegible]
2	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
2	[illegible]	2	[illegible]	2	[illegible]	1	[illegible]
4	[illegible]	7	[illegible]	2	[illegible]	1	[illegible]
4	[illegible]	1	[illegible]	2	[illegible]	1	[illegible]
2	[illegible]	3	[illegible]	1	[illegible]	1	[illegible]
2	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
1

64 sentence

20 sentens
6 sentance
6 sentes
5 sentences
4 centens
4 sentense
3 sentents
3 sences
3 santans
3 centence
2 centents
2 senten
2 sentnes
2 sentnts
2 sentent
2 sentnce
1 seatens
1 cetents
1 snetence
1 stences
1 sentoire
1 senteance
1 sends
1 sentients
1 senties
1 cetens
1 centes
1 sentense
1 scentious
1 sentaince
1 sentennse
1 scentens
1 sunsen
1 centeec
1 sants
1 senter
1 scnacent
1 fements
1 seneats
1 sentains
1 sinced
1 sen
1 setaice
1 senttens
1 sentys
1 santens
1 santen's
1 sencent
1 santines
1 sentint
1 sendtents
1 sences
1 sentens
1 setens
1 sentenes
1 sanes
1 centance
1 senteants
1 sinten
1 strent
1 sate
1 sentince
1 sent
1 sentnenc
1 sencas
1 cences
1 sentcents
1 serence
1 sands
1 sentans
1 sentencs
1 sentus
1 setnes
1 senences

108 shining

20 shineing
16 shinning
9 shing
5 shiny
4 shine
2 shininy
1 shinie
1 shinyng
1 shinng
1 shinen
1 shinger
1 singes
1 shaning
1 shings
1 shiny
1 sonny
1 chuny
1 shacny
1 chiny
1 siening
1 sweeng
1 Shining
1 chinaing
1 schanr
1 shnig
1 suning
1 shreing
1 shening
1 shinney

48 surface

14 serface
6 sirface
5 serfus
4 surfus
3 serfes
4 suface
3 serves
3 surfes
3 srfus
2 sarface
2 sirfus
2 servese
2 surfuse
2 srfas
2 surfuce
2 curfus
2 serfues
2 serfice
2 surfaces
2 cirsus
2 cirfes
2 sureface
1 cirfus
1 freyspe
1 serfece
1 surfaes
1 serfis
1 srefus
1 survas
1 srfis
1 surfish
1 sorface
1 saver
1 sraves
1 sriss
1 surfeses
1 clrfis
1 sufuse
1 swifes
1 sarves
1 ceroes
1 serpets
1 seres
1 serfest
1 srifes
1 serfias
1 srfies
1 serfict
1 selefice
1 suver
1 cerface
1 sauface
1 sirfice
1 crface
1 surfas
1 survacl
1 sirfes
1 seves
1 safrs
1 serfo
1 sarfes
1 srfeces
1 curface
1 cruer
1 sifest
1 shrfs
1 ferics
1 serfase
1 curean
1 searfase
1 sure-face
1 eves
1 sorfices
1 serfacs
1 sererfac
1 serfase
1 servic
1 surfece
1 sarpes
1 fevears
1 seufes
1 srfuse

22	surface
2	surface
2	surface
2

78 sweeping	87 sweeps	44 thief	59 waist	87 waiting
30 sweping	21 sweps	24 theaf	48 wast	57 wating
5 sweaping	8 sweps	22 theif	34 waste	9 wateing
5 swiping	5 sweaps	15 thef	9 weast	4 wayting
3 sueping	4 swips	8 thefe	6 wayst	3 watting
3 swipping	4 sweepes	6 thif	2 wiast	2 wanting
2 swing	4 seps	6 theef	2 wase	3 waeting
2 swping	3 sepes	4 thiif	2 west	2 weting
2 speing	2 swepes	4 thefe	3 waest	1 uating
2 seping	2 swep	4 theath	2 weste	1 wayeting
2 swepping	2 supis	2 thieve	1 waisstes	1 wiating
1 siping	2 sueps	2 theife	1 waists	1 wering
1 sweing	2 swepps	2 theft	1 wates	1 wonig
1 suipen	1 sweats	2 theth	1 wayts	1 wanteing
1 suepps	1 suepps	1 feeth	1 wais	1 waisting
1 seeping	1 shiping	1 thifth	1 swase	1 wathing
1 shippe	1 swspts	1 theph	1 wasts	1 wirting
1 swining	1 swis	1 feth	1 wayting	1 winting
1 sping	1 swepies	1 theafe	1 westin	1 waithing
1 sepeing	1 spips	1 these	1 waits	1 wening
1 seaping	1 seapes	1 toheaf	1 wist	1 waten
1 suipin	1 sweeper	1 sheef	1 wayist	1 waytan
1 seweeping	1 wiups	1 theaif	1 watss	1 waing
1 sheeping	1 swer	1 tife	1 woet	1 wahting
1 siming	1 seepch	1 beef	1 waistes	1 deund
1 sweing	1 speets	1 thirfe	1 uaist	1 wathens
1 shiping	1 wshes	1 thieth	1 deask	1 shading
1 spening	1 witting	1 thicene	1 washe	1 wainig
1 ushing	1 swpps	1 theap	1 right	1 waing
1 sweting	1 swets	1 wery	1 waest	1 wheating
1 sweppe	1 stleyer	1 fef	1 bosta	1 witing
1 swenty	1 swents	1 thiff	1 waything	1 wuting
1 swipin	1 swped	1 seeafe	1 wasete	
1 supin	1 sewep	1 theeth	1 watiling	
1 sepin	1 sheepes	1 thire	1 phash	
1 sweepig	1 swpies	1 thielf	1 wasd	
1 sueaping	1 siepes	1 thep	1 worst	
1 swipiny	1 ships	1 dife		
1 swebean	1 swepens	1 thaif		
1 swes	1 sweepas	1 tief		
1 sepening	1 sweepoo	1 theno		
1 swpeening	1 sweepse	1 sflat		
1 swepeing	1 smeths	1 sefn		
1 sepping	1 sepids	1 thefh		
1 sueping	1 swepee	1 thieaf		
1 suping	1 sweepess	1 thefit		
1 speeping	1 suepseis	1 theaft		
1 sing	1 speats	1 sweth		
1 stnes	1 sweps	1 thetf		
1 orange	1 sweas	1 tech		
	1 speets	1 theset		
	1 tnis	1 thiefe		
		1 fif		
		1 theeuf		
		1 theifs		

11. [illegible]	21. [illegible]	31. [illegible]	41. [illegible]	51. [illegible]
10 [illegible]	21 [illegible]	31 [illegible]	41 [illegible]	51 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]	1

65 weary

18	werry	1	wearty
14	werey	1	wrery
7	wery	1	weare
4	wire	1	guiry
4	were	1	berce
3	wereing	1	werir
2	weery	1	wrere
2	weering	1	wirey
2	weiry	1	ueiry
2	werrey	1	wiry
2	wirry	1	werear
2	werer	1	woery
2	wearey	1	pirem
2	wearie	1	rere
2	worry	1	wereer
1	werried	1	weerie
1	woiry	1	wearw
1	ueary	1	wirie
1	weraer	1	werese
1	weere	1	shired
1	wory	1	werery
1	wering	1	wiri
1	wear	1	werrea
1	werwey	1	wari
1	wiery	1	werew
1	wearer	1	weerey
1	meryer	1	ware
1	weare	1	weria
1	wearing	1	reere
1	werty		
1	wereo		
1	werere		
1	werraw		
1	wre		
1	werire		
1	weiry		
1	writhing		
1	rwaining		
1	wearying		

110 writing

22	writeing
6	riting
4	rightigng
4	wrighting
4	writting
3	wirting
3	writhing
3	riteing
3	righting
1	wrighing
1	ritting
1	ruten
1	rieting
1	ryting
1	reatin
1	wrieten
1	writeng
1	wrteing
1	wrinting
1	writiving
1	righing
1	rinting
1	fwping
1	rithing
1	witing
1	writimg
1	ruyte
1	wroting
1	writon
1	wright
1	ritaning
1	writhening
1	wroteing
1	writheng
1	writen
1	risting
1	rnig
1	wire
1	wrting
1	writtinge

12. water	13. writing
15 water	1 water 22 writing
16 water	1 water 1 writing
7 water	1 water 4 writing
4 wine	1 grain 4 writing
4 water	1 bread 4 writing
3 water	1 water 3 writing
3 water	1 water 3 writing
3 water	1 wine 1 writing
3 water	1 water 3 writing
3 water	1 water 1 writing
3 water	1 water 1 writing
3 water	1 water 1 writing
3 water	1 grain 1 writing
3 water	1 rent 1 writing
3 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 school 1 writing
1 water	1 water 1 writing
1 water	1 wine 1 writing
1 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 water 1 writing
1 water	1 water

102 dangerous

15 dangerus
5 dangrous
3 dangerou
3 dangeres
2 dangeruse
3 dengerous
2 danrous
2 dangros
2 dangers
2 dangeros
2 dangous
2 dangurous
2 dangerious
1 danerous
1 danyous
1 dengeres
1 dangurs
1 dangures
1 denaurges
1 dangross
1 dangros
1 danger
1 dantrous
1 danderies
1 dangerauis
1 dangeas
1 dangourous
1 dangeroues
1 darndur
1 dengurs
1 dangois
1 dangert
1 dangerest
1 danegrus
1 dangerouss
1 dangeras
1 darngers
1 darangers
1 dangerose
1 dangeriss
1 dangeraus

20 debt

20 dept
13 det
6 deat
5 dete
5 deot
3 detth
3 date
2 death
2 deate
2 deth
2 deut
2 diet
2 deth
2 dite
1 delt
1 deut
1 dd
1 deated
1 deabt
1 dead
1 ducuty
1 debet
1 depet
1 dert
1 deit
1 deta
1 deght
1 didth
1 dobe
1 dued
1 deaght
1 handkerchief

127 dried

16 dryed
8 dride
2 druid
2 dry
1 drod
1 drige
1 drided
1 dryd
1 drid
1 dridy
1 driae
1 daide
1 dread
1 darcard
1 drayed
1 driud
1 listened

70 exercise

10 exersize
5 erexcize
5 exersice
5 exersise
3 exsize
4 excersize
3 exercies
2 excerise
2 excercize
2 exursize
2 excercies
2 sexersize
2 exorise
2 exercist
2 excirse
1 erxcise
1 exsursize
1 esceride
1 escries
1 excise
1 exersies
1 exceries
1 exersys
1 exeriese
1 exerseze
1 exerzide
1 ectrsice
1 exrcize
1 exiriese
1 exsuries
1 excerse
1 exercined
1 exsercize
1 exearise
1 exrcies
1 exrecisies
1 exerice
1 ecrxisize
1 exrucs
1 exershes
1 exercisess
1 exercises
1 exercis
1 exerise
1 excirse
1 exricise
1 exardy
1 exerices
1 axraus
1 excercise
1 exurcise
1 xcersize
1 exersiz
1 exacise
1 exroces
1 exireries
1 excirsize

17	[illegible]	20	[illegible]	4	[illegible]	10	[illegible]
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7	[illegible]	5	[illegible]	3	[illegible]	4	[illegible]
7	[illegible]	5	[illegible]	3	[illegible]	4	[illegible]
7	[illegible]	5	[illegible]	3	[illegible]	4	[illegible]
7	[illegible]	5	[illegible]	3	[illegible]	4	[illegible]
5

71 grammar	112 Indian	52 journey	118 laid	112 onion
51 grammer	24 Indain	21 jurney	19 layed	4 ounion
34 gramer	8 indian	11 jerney	14 lade	4 union
5 gramar	2 indain	10 journy	6 laied	4 unyon
3 grammer	2 indan	5 jurny	3 lead	3 onyon
2 garmmer	1 Indean	5 jorney	2 laed	3 unyen
1 gromor	1 Indiane	4 gerny	1 liod	2 oinon
1 gramy	1 Indeon	4 gerney	1 laied	1 oinyon
1 garamer	1 Indin	2 jouncy	1 laded	1 oingine
	1 indean	2 gerney	1 lendit	1 inon
	1 Indina	2 Journey	1 layd	1 uneion
	1 indin	2 jorney	1 lay	1 onino
	1 indaine	2 journery	1 laydy	1 ueny
	1 Indien	2 jornery	1 liad	1 ouneyen
	1 Indar	1 jernie	1 leaid	1 onyurn
	1 Inden	1 jorny		1 ionon
	1 Iandian	1 gourney		1 unoen
	1 Iindian	1 joinery		1 eoin
	1 Inian	1 gernus		1 onyen
	1 Iindain	1 jurnney		1 onin
	1 Indine	1 genary		1 oyain
	1 Indane	1 joneral		1 oyon
	1 Indeain	1 jurned		1 inion
	1 Idain	1 jornory		1 ounon
	1 Idian	1 jeuory		1 unyoun
	1 Bndian	1 jurneary		1 onuous
		1 jurnnery		1 oiun
		1 gurny		1 enune
		1 jorning		1 aound
		1 jounery		1 oinio
		1 jourony		1 anona
		1 jorenney		1 unyiun
		1 jurainy		1 oniun
		1 jurne		1 aneon
		1 joneny		1 onuon
		1 Juneary		1 anin
		1 journay		1 jimaum
		1 juernney		
		1 jraun		
		1 junrey		
		1 grney		
		1 hurne		
		1 joueny		
		1 joiney		
		1 jerner		
		1 junner		
		1 cherney		
		1 gerene		
		1 jerning		
		1 juraey		
		1 garney		
		1 jamury		
		1 jounney		
		1 journeney		
		1 jernauy		

21	[illegible]	22	[illegible]	21	[illegible]	19	[illegible]
14	[illegible]	8	[illegible]	17	[illegible]	14	[illegible]
7	[illegible]	8	[illegible]	11	[illegible]	8	[illegible]
1	[illegible]	8	[illegible]	5	[illegible]	5	[illegible]
1	[illegible]	1	[illegible]	3	[illegible]	3	[illegible]
1	[illegible]	1	[illegible]	3	[illegible]	3	[illegible]
1	[illegible]	1	[illegible]	2	[illegible]	1	[illegible]
1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]

103 praise

11 praze
10 prays
9 prase
4 prais
4 prayes
4 praize
1 fraze
1 taries
1 preis
1 praised
1 praiz
1 prased
1 prazy
2 praies
1 praises
1 prys
1 pray
1 prayas
1 priede
1 prads
1 peraze
1 prias
1 prace
1 prasse
1 prayery
1 parise
1 brave

123 properly

11 proply
3 propley
3 properley
2 propperly
2 properely
1 proplay
1 prauple
1 propply
1 pororley
1 proudely
1 proparly
1 proprly
1 prally
1 propprly
1 laperly
1 probaly
1 puperly
1 pruprly
1 properle
1 properlia
1 propily
1 problaly
1 proprlly
1 proprele
1 proper
1 proley
1 propperel
1 prople

55 salary

44 salery
6 salry
3 calery
4 salury
4 sa ory
4 salrey
2 calary
2 salre
2 salarey
2 sallery
2 salerey
2 saluary
1 cealrey
1 cellory
1 salolray
1 callre
1 salaer
1 sarilor
1 slayirie
1 lalery
1 cellarry
1 surody
1 calerrie
1 seller
1 slarey
1 solury
1 saily
1 salnry
1 celery
1 surley
1 ralerly
1 salerly
1 sarley
1 seyry
1 salioury
1 carilar
1 selery
1 salray
1 salaree
1 saleary
1 salurce
1 sarary
1 soory
1 saliry
1 salerely
1 saleary

62 searched

28 serched
7 surched
4 surcht
3 search
3 serch
2 sereed
2 sourched
2 sirched
1 shurch
1 serarched
1 surshed
1 creched
1 sterte
1 sercelld
1 sewrched
1 serached
1 shusely
1 surst
1 sreejed
1 cerched
1 shust
1 srhure
1 sceerch
1 sertched
1 sirche
1 shareed
1 suhed
1 shrused
1 sacar
1 sirtch
1 resched
1 sureth
1 saish
1 shearshed
1 sichet
1 sarchered
1 serget
1 seccrched
1 sreached
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1 shreasched
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1	[illegible]	11	[illegible]	21	[illegible]	31	[illegible]
2	[illegible]	12	[illegible]	22	[illegible]	32	[illegible]
3	[illegible]	13	[illegible]	23	[illegible]	33	[illegible]
4	[illegible]	14	[illegible]	24	[illegible]	34	[illegible]
5	[illegible]	15	[illegible]	25	[illegible]	35	[illegible]
6	[illegible]	16	[illegible]	26	[illegible]	36	[illegible]
7	[illegible]	17	[illegible]	27	[illegible]	37	[illegible]
8	[illegible]	18	[illegible]	28	[illegible]	38	[illegible]
9	[illegible]	19	[illegible]	29	[illegible]	39	[illegible]
10	[illegible]	20	[illegible]	30	[illegible]	40	[illegible]

88 smooth	95 thirteen	111 touch	84 towel
42 smoth	14 therteen	24 tuch	28 towl
8 smouth	7 thirdteen	7 tutch	9 toul
4 smothe	7 thurteen	2 toch	4 toule
3 smothed	4 threeteen	2 tooch	3 toil
3 smuth	3 threteen	2 totch	6 towle
2 somthe	4 thertine	1 touach	2 towol
1 smobe	3 thrteen	1 tuods	2 towle
1 smutted	2 therteen	1 tuche	2 towll
1 smath	2 thurteene	1 tuched	1 tourel
1 smoo	2 thriteen	1 thusd	1 taual
1 snowe	1 thurding	1 towoh	1 tlowl
1 sudese	1 thertigheen	1 toutch	1 taowl
1 smell	1 thaream	1 tough	1 touty
1 smud	1 thirtheen	1 toutched	1 toller
1 sowear	1 firdteen	1 treach	1 tawell
1 stlraith	1 thriety	1 toach	1 taull
1 smoed	1 thirty	1 touched	1 tall
1 smoch	1 thertween	1 tuach	1 toiwl
1 smuse	1 thirtien	1 thoneb	1 tawell
1 smocs	1 thertey	1 top	1 toull
1 smoothe	1 thrdteen	1 tueth	1 till
1 soom	1 theuteen	1 tach	1 touel
1 smow	1 thirtene	1 tought	1 trowel
1 somouth	1 Thertine	1 toght	1 talley
1 smoue	1 thurnen	1 toche	1 hawl
1 soonth	1 thrichen		1 tawl
1 smoothed	1 Thirteen		1 toteal
1 soomy	1 thrithteen		1 twol
	1 thereen		1 tonate
	1 thireteen		1 taul
	1 thertien		1 toowl
	1 therten		1 toal
	1 Fifteen		1 towal
	1 therdten		1 tolel
	1 thrithen		

[illegible]	[illegible]	[illegible]	[illegible]
49 [illegible]	14 [illegible]	14 [illegible]	10 [illegible]
5 [illegible]	7 [illegible]	7 [illegible]	7 [illegible]
4 [illegible]	7 [illegible]	5 [illegible]	6 [illegible]
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1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]

73 umbrella	86 veal	85 weapon
15 umberella	20 viel	26 wepon
9 umbrela	15 veil	9 wepen
7 umbralla	12 veel	5 weppon
4 unbrella	4 vele	5 weppen
4 umberalla	4 vell	4 wapen
3 umberala	2 veail	2 weopen
3 umberela	2 vieal	2 wepend
3 umberlla	2 vel	2 wapom
2 umbela	2 vial	2 weapen
2 umbrula	1 ueail	1 woben
2 umbella	1 velli	1 plapen
2 umberla	1 veile	1 weapim
2 unberela	1 delly	1 wectum
1 umbrelua	1 varelid	1 wedpem
1 umbarle	1 bell	1 lulden
1 ambrella	1 beall	1 waepon
1 umbreall	1 vill	1 wepond
1 umbarella	1 veill	1 weopn
1 umbuled	1 veial	1 webum
1 umberulla	1 vieel	1 wopen
1 ambrlla	1 vield	1 weptum
1 umbrelloe	1 veul	1 weptin
1 umbrell	1 vieul	1 wapun
1 unmberela	1 veala	1 wheapen
1 imberelly	1 beild	1 wompen
1 umbrelli	1 vise	1 swepon
1 umberlia	1 veall	1 weappin
1 umberlly	1 vill	1 weapoun
1 embrelm	1 real	1 wepun
1 umbrailla	1 vilse	1 wifen
1 umbrealla		1 wepean
1 oumbrall		1 wepeth
1 umbrelu		1 weavenn
1 unbraal		1 wipen
1 unbrelbl		1 weppong
1 unbrille		1 weun
1 umbereela		
1 umberlay		
1 imbrula		
1 umbruly		
1 umperlla		
1 unberlow		
1 embralla		
1 umbranlo		
1 ombrillow		
1 umberallow		
1 umbral		
1 umbre		
1 umbrila		
1 umbrla		

[illegible]	[illegible]	[illegible]
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2 [illegible]	11 [illegible]	2 [illegible]
2 [illegible]	11 [illegible]	2 [illegible]
2 [illegible]	1 [illegible]	2 [illegible]
4 [illegible]	6 [illegible]	4 [illegible]
3 [illegible]	3 [illegible]	3 [illegible]
3 [illegible]	3 [illegible]	3 [illegible]
3 [illegible]	3 [illegible]	3 [illegible]
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3 [illegible]	1 [illegible]	1 [illegible]
3 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]
1

107 grocery	113 handkerchief	97 listened	143 loose
6 groceric	14 hankerchief	17 listend	21 lose
4 grocerey	8 handerchief	6 listen	2 loos
3 grociery	3 handchief	6 lissened	2 luse
3 groceries	3 handkerchif	4 lissond	2 loss
3 grociers	3 handkercheif	4 lisend	1 luce
2 grocers	2 handkechief	3 lisened	1 lossl
2 grocies	2 handkchief	3 lissend	1 louse
1 gororcies	1 hanchinchef	2 listned	1 losse
1 gerocery	1 handherchief	1 lisned	1 loses
1 grocary	1 handkercief	1 lessoned	1 loose
1 groclery	1 handerkerchief	1 lisened	1 grateful
1 groucery	1 handrchief	1 lisen	
1 rosery	1 handkerchiefe	1 lesson	
1 groceriey	1 handcherpief	1 listlend	
1 grocory	1 hangharf	1 leasened	
1 grocere	1 hankerchiff	1 listined	
1 grosoyes	1 hanckersife	1 lessened	
1 grocey	1 knerchief	1 lissed	
1 groserey	1 handcerchief	1 lestened	
1 grosery	1 hankechief	1 licend	
1 groceriey	1 hankerchiefe	1 leasend	
1 groceres	1 hampiche	1 listened	
1 grossery		1 leastened	
1 grocry		1 lissen	
1 grocires			
1 grosry			
1 gorocery			
1 groceis			
1 grocerys			
1 groseresy			
1 gocery			
1 grocryes			
1 grosesies			
1 grocirece			

101	102	103	104
8	14	17	21
7	13	16	20
6	12	15	19
5	11	14	18
4	10	13	17
3	9	12	16
2	8	11	15
1	7	10	14
1	6	9	13
1	5	8	12
1	4	7	11
1	3	6	10
1	2	5	9
1	1	4	8
1	1	3	7
1	1	2	6
1	1	1	5
1	1	1	4
1	1	1	3
1	1	1	2
1	1	1	1
1	1	1	1
1	1	1	1

74 morsel	83 nickel	69 niece	110 pistols
14 morcel	52 nickle	44 neice	9 pistles
13 morsal	8 nicle	8 neace	6 pistoles
5 morcle	2 kniekle	8 nease	6 pistol
5 morsle	2 nickal	6 nice	6 pistals
3 morsul	2 neckel	5 nece	4 pistels
2 mosel	1 neckle	1 nise	3 pestols
2 morcil	1 nicel	1 kniece	2 pistales
2 moresal	1 nilke	1 kness	1 pistils
3 moresell	1 kniekel	1 neas	1 pistul
2 moresel	1 nikle	1 nees	1 pistle
2 morsil	1 nickell	1 nicese	1 pistolds
2 morsol	1 nickll	1 nessey	1 pistel
2 morcal	1 nikal	1 neaced	1 pistel
2 morseo	1 nichel	1 neece	1 pisiol
1 morasol	1 necale	1 nices	1 pistal
1 morceal	1 tackell	1 necce	1 pestles
1 morsill		1 nieces	1 pistels
1 morseled		1 necces	1 pictle
1 morsale		1 neese	1 postils
1 morcedl		1 nese	1 peitales
1 morisel		1 niese	1 pisttals
1 morcele		1 knees	
1 morscle		1 necie	
1 moresle			
1 morso			
1 morzel			
1 morsell			
1 moarcel			
1 morsely			
1 morecyle			
1 morecle			
1 moress			
1 murcle			
1 morseil			
1 moresule			
1 porsuit			

74 metal	71 metal	62 metal	10 metal
14 metal	37 metal	44 metal	7 metal
13 metal	6 metal	3 metal	4 metal
5 metal	2 metal	3 metal	3 metal
5 metal	2 metal	3 metal	3 metal
5 metal	2 metal	3 metal	3 metal
5 metal	2 metal	3 metal	3 metal
5 metal	1 metal	3 metal	3 metal
5 metal	1 metal	3 metal	3 metal
5 metal	1

73 perchased	93 quarrel	108 recess	82 saucer
15 perchased	10 quarl	10 reccess	19 sauser
6 purchast	8 quarel	3 reses	6 socer
5 purchase	5 quarral	3 resess	2 sucer
5 perchest	4 qurrel	3 recease	3 sucar
4 purpcehst	4 quarell	3 resses	2 caucer
3 perchesed	3 quarll	2 recces	3 sawser
3 perchase	3 quarrl	2 ressess	2 saccer
2 purchesed	2 quorl	2 rescess	2 susar
2 perchused	4 quaral	2 recuse	2 soucer
2 purches	1 qurral	2 resese	2 souser
2 purchas	2 quarrell	1 resse	2 sacer
2 perchist	1 quarrle	1 rescces	1 sosege
1 perchised	1 quearl	1 rucess	1 saurer
1 percest	1 querrel	1 ress	1 scaresr
1 pershase	1 quarril	1 recesse	1 sausser
1 pechised	1 qurrell	1 reesis	1 sacre
1 perchause	1 qual	1 recesses	1 sawcer
1 purchis	1 quroal	1 recciee	1 suser
1 perchis	1 qrarral	1 resuse	1 sucer
1 perchasted	1 quorle	1 rezass	1 scasar
1 purcasted	1 quirrel	1 resesse	1 saucuare
1 perchas	1 qurell	1 recese	1 sucre
1 purchise	1 qarrel	1 receus	1 soccer
1 percheased	1 krul	1 reacess	1 scacer
1 percheast	1 quicrly	1 recuss	1 soccer
1 perchestd	1 quirel	1 resces	1 sawsar
1 pursched	1 quarrcl	1 reces	1 sacusar
1 perchost	1 guarle		1 sauce
1 purchusted	1 qurarl		1 saser
1 pirsets			1 saussar
1 pirchised			1 sosir
1 perchust			1 sousor
1 porches			1 sauscer
1 perchist			1 saswer
1 purchiest			1 sarser
1 purched			1 cascer
1 perchess			1 suacer
1 preachies			1 scills
1 purchust			1 sasser
1 purpshch			1 cascers
1 purchasled			1 susser
1 prchested			1 sawcir
1 perched			
1 perschest			
1 perausled			
1 purechest			
1 perch			

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6	[illegible]	6	[illegible]	3	[illegible]	5	[illegible]
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5	[illegible]	5	[illegible]	3	[illegible]	5	[illegible]
5	[illegible]	4

86 sleigh	83 society	71 source	106 speech
32 slay	12 socity	30 sorce	46 speach
7 sliegh	7 soceity	11 sorse	2 spetch
3 slaigh	4 sosity	10 sourse	1 spech
3 sleight	3 socitey	4 soarce	1 speack
3 sley	3 society	3 scorce	1 spach
2 slaie	2 saucity	2 souce	1 speache
2 slave	2 socieaty	2 soarse	1 spectch
1 sla	1 sosiaty	2 soure	1 beach
1 slieh	1 sosogte	2 scource	
1 seleight	1 sesiety	1 sowrce	
1 seily	1 sesciety	1 sorese	
1 slie	1 secitiey	1 sorch	
1 sleay	1 socoiicy	1 surce	
1 slaiegh	1 seticetecty	1 souarce	
1 slag	1 soicitly	1 saras	
1 slayh	1 soicity	1 sourice	
1 slah	1 socoiety	1 sorase	
1 slaid	1 socit	1 saucre	
1 sliey	1 sousity	1 soorce	
1 slaw	1 susciety	1 sorses	
1 slaye	1 societie	1 soresy	
1 slae	1 sositetec	1 sourece	
1 slaying	1 sosuty	1 scorore	
1 sleygh	1 sucsiety	1 sores	
1 sled	1 saciety	1 sceres	
1 salve	1 socitity	1 sore	
1 slaiely	1 socyety	1 sorces	
1 slate	1 societt	1 sorice	
	1 soccicty	1 soures	
	1 socetity	1 rose	
	1 sositiety		
	1 sosieaty		
	1 sosinete		
	1 sociotey		
	1 sosyetey		
	1 sociocty		
	1 scieaty		
	1 sosiedy		
	1 sositiy		
	1 sositeity		
	1 sositly		
	1 socicity		

9 letter	11 letters	11 letters	12 letters
35 alter	12 acidity	20 above	45 accused
4 altogether	4 actually	17 active	5 apotheosis
3 altogether	4 actually	10 activate	1 appeals
3 altogether	3 addicting	8 activate	1 appeaux
3 alter	3 activity	3 activate	1 appeals
3 alter	3 actually	7 active	1 apparently
3 alter	2 actually	5 actuate	1 appeaters
1 ala	1 activity	3 active	1 beach
1 alias	1 actually	2 acquire	
1 altogether	1 activity	1 active	
1 altar	1 activity	1 active	
1 alto	1 activity	1 active	
1 alter	1 activity	1 active	
1 alterego	1 activity	1 active	
1 alter	1 activity	1 active	
1 alter	1 activity	1 active	
1 alter

100 steak	117 telephone	89 trolley	104 whistle
45 stake	10 telaphone	40 trolly	10 whisle
2 steack	8 telphone	7 troly	9 whistel
2 stak	5 telophone	4 trally	7 whisel
2 stack	4 tellephone	2 trollie	5 wistle
2 staek	1 teleaphone	1 trowley	1 whicle
1 steake	2 telephome	2 trolle	1 whical
1 staik	1 teliephome	1 trooly	1 whishel
1 stach	1 telephan	1 tully	1 wisel
1 staeke	1 tellifone	1 trollye	1 bristle
1 stache	1 telfone	1 troliery	1 whistled
1 beefsteake	1 telefone	1 teraly	1 wise
	1 tellifone	1 trayly	1 whsel
	1 telophong	1 trallie	1 wheestle
	1 tellophone	1 trolie	1 wistal
	1 tellopohn	1 totorly	1 wissil
	1 telephon	1 tralley	1 whisty
	1 Talphone	1 troleey	1 whisal
	1 teleyphone	1 traily	1 wisile
	1 tellaphone	1 troley	1 whistte
		1 trollys	1 whistal
		1 tolley	1 whistil
			1 wishel
			1 wistel

51 elegant	59 emperor	45 excellent	54 grateful	61 hair
8 elegent	7 emporer	9 excelent	21 greatful	5 air
3 elligant	2 empire	6 exelent	5 greatfull	4 hair
3 ellegant	3 empereor	2 excilent	3 gratful	3 hier
2 eligent	3 emperior	4 excellant	3 grateful	3 aeir
2 eligant	2 empeor	3 exlant	1 gratifull	2 aire
2 ellegent	1 empor	2 exlent	1 greetful	2 hear
1 elligant	3 emporer	2 exelint	1 gratful	2 aere
1 elgenyt	1 emprior	1 exalent	1 graetful	1 hire
1 eligunt	1 imperiorre	1 exelant	1 grautfull	1 heair
1 illigant	1 emperore	1 excelant	1 graful	1 iar
1 alligent	1 emperoar	1 excenet	1 gratfull	1 are
1 elegeant	1 emporey	1 eolent		1 aer
1 elangent	1 emperror	1 exellent		1 error
1 elodont	1 Emperor	1 exelent		
1 elengent	1 emprer	1 exllant		
1 Allegent	1 empror			
1 elogant	1 imporor			
1 elgant	1 emper			
1 ellgenet	1 emperon			
1 alegugent	1 empearl			
1 alegent	1 emperier			
1 leagel	1 emperer			
1 leggat	1 empoire			
1 allegant	1 empors			

41 elegant	27 magnificent	13 excellent	21 graciously	9 fair
1 elegant	1 magnificent	1 excellent	1 graciously	1 fair

77 hoarse	35 icicle	73 ignorance	36 interfere
4 hourse	7 icycle	3 ignorants	14 interfer
3 horse	5 iceycle	2 ignorence	8 interfiar
2 hoars	5 icecicle	1 ignerance	7 interfear
2 haurse	4 ecycle	1 igorance	5 interfeer
1 hours	4 icecle	1 irgicenert	1 enterfear
1 hoarsen	3 icesicle	1 ignorance	2 enterfere
1 hoorse	2 icecicly	1 engnorance	1 interber
1 horce	2 iceeyal	1 ingroance	1 intffer
1 horase	2 icecikle	1 egnorounce	1 interrfiar
1 hoase	1 iceycle	1 ernorance	1 intafiere
1 hoares	1 icesickle	1 ignorant	1 interfen
1 horesce	1 icescle	1 igrants	1 indefear
1 whorse	1 icikle	1 engnore	1 entfiar
	1 icelacyl	1 ernorces	1 entefier
	1 icelecklc	1 egnarnts	1 enteofer
	1 icysicle	1 ernolans	
	1 iccycle	1 ignerence	
	1 icecocitly		
	1 icekle		
	1 ickle		
	1 yeicyle		
	1 icesicel		
	1 ieskl		
	1 iceeyal		
	1 ice-kle		
	1 icescles		

23 letters	14 letters	13 letters	12 letters
4 letters	7 legals	1 lawrence	14 laboratory
4 lots	3 lawsuit	1 lawyers	1 laboratory
4 lung	1 lawsuits	1 lawyerse	7 laboratory
4 lungs	4 layla	1 lawyers	4 laboratory
1 lycos	4 lawls	1 layabout	1 laboratory
1 lycos.com	1 lawyals	1 layerse	1 laboratory
1 lycos	1 lawsuit	1 layers	1 laboratory
1 lycos	1 layers	1 layers	1 laboratory
1 lycos	1 legals	1 layers	1 laboratory
1 lycos	1 legals	1 layers	1 laboratory
1 lycos	1 lawsuit

73 musician	15 neutral	54 patience	53 pigeons
3 musition	28 nutral	6 pacience	6 pegions
2 musican	8 nutrel	3 patiance	5 pigions
1 musicion	5 nuteral	3 patient	3 piggions
1 muicagain	5 nuetral	3 patence	2 pigens
1 muscicain	1 recess	3 patients	2 piegeons
1 meussion	3 netruel	2 pashents	2 pigeon
1 mucician	2 nuttrel	2 pacients	1 pidgins
1 musciun	2 nutrall	1 paetince	1 piegon
1 musizent	1 nutural	1 patienci	1 pigiones
1 mucicion	1 nuttrall	1 paition	1 pideiones
1 muscion	1 neturral	1 paciance	1 piegons
1 museum	1 neutrel	1 paiteation	1 pigians
1 mucsion	1 notral	1 patrishon	1 pigons
1 muscision	1 netural	1 paticance	1 pegion
1 mucisciau	1 neturel	1 patien	1 ipidgeons
1 musion	1 nutrill	1 pascience	1 pigon
1 miscian	1 nutrial	1 patients	1 piges
1 muclin	1 newtroll	1 pateience	1 pigines
1 mussion	1 nuter	1 paticants	
1 mucsition	1 nutril	1 paction	
1 mucisian	1 neatral	1 pantion	
1 mucizen	1 nutill	1 pashionet	
1 muccon	1 noteral	1 pacentents	
		1 pasion	
		1 pinuns	

48 rehearse	62 reverence	46 saucy	61 siege
15 rehurse	13 reverance	4 sausy	21 seige
9 reherse	2 revrence	3 sacisey	4 ceage
3 reherce	2 heverense	3 sossy	3 seege
2 rehers	1 revences	2 saucey	2 ceige
1 rehearce	1 reveance	2 sauce	2 sege
1 reheres	1 reverence	1 sawsy	1 seadge
1 rehurce	1 revenency	1 sucay	1 seece
1 reharse	1 refence	1 rince	1 sized
1 reahurse	1 reference	1 sucage	1 chege
1 riahers	1 reverance	1 sausie	1 siezged
1 reherss	1 reverres	1 saueie	1 ceasage
1 rehirse	1 revenice	1 saccue	1 seage
1 rerise	1 referance	1 sussay	1 scidge
	1 revzens	1 sucey	1 ceege
		1 sausey	1 sciege
		1 sucy	1 ceecese
		1 siscity	1 sciegh
		1 sosie	
		1 sawsee	
		1 saucage	
		1 cocce	

41. [illegible]	42. [illegible]	43. [illegible]	44. [illegible]
17 [illegible]	13 [illegible]	4 [illegible]	27 [illegible]
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57 vegetable	47 veil	52 wretch
10 vegatable	14 vail	11 wrech
2 vegitable	13 vale	4 retch
2 vetable	5 viel	2 wreck
2 vegtable	2 vaile	2 rech
1 veagable	2 veile	2 wreach
1 vegstable	1 veel	2 wrench
1 vegable	1 vall	1 reache
1 vedtgible	1 vaiel	1 reich
1 veagtable	1 vaye	1 reace
1 vedtable	1 viele	1 wrerth
		1 wresch
		1 rach
		1 rerch
		1 riech
		1 ergege

27. vegetable	27. fruit	27. grain
10 vegetable	14 fruit	11 grain
2 vegetable	13 fruit	4 grain
2 vegetable	3 fruit	2 grain
2 vegetable	2 fruit	2 grain
1 vegetable	2 fruit	2 grain
1 vegetable	1 fruit	2 grain
1 vegetable	1 fruit	1 grain
1 vegetable	1 fruit	1 grain
1 vegetable	1 fruit	1 grain
1 vegetable	1 fruit	1 grain
		1 grain
		1 grain
		1 grain
		1 grain
		1 grain

73 cordially	70 character	73 separate	85 February
6 cordialy	4 caracter	25 seperate	7 Februrary
2 cordulу	3 charcter	2 sepperate	3 Feburary
2 cordully	3 carector	1 sepeate	2 Feburay
1 corgely	2 caricte	1 sepeuate	2 Februery
1 corgelly	3 charactor	1 seperat	1 Febury
1 coardilly	2 charcter		1 Febueray
1 cordgialy	2 cjarchter		1 Febarway
1 courgnly	1 chactor		1 Februarb
1 coridialy	1 cariture		1 Febuaray
1 cordually	1 cari		
1 corgaly	1 charcctor		
1 cordulay	1 carictor		
1 corcially	1 carrictor		
1 cordly	1 chacter		
1 cordaly	1 charecter		
1 corduilly	1 cartu		
1 corgluy	1 cherracter		
1 cordlially	1 carotor		
1 cordilly	1 caracetar		
1 coriddily	1 cacachter		
1 corduially	1 chericter		
1 corduliary	1 caractor		
1 cordidly	1 chericture		

41 antique	73 bicycle	71 calendar	53 consequence
12 antic	16 bycicle	16 calender	7 concequence
6 anteek	3 bycycle	11 calander	6 consquence
4 anteck	2 bicicly	2 calandar	5 conquence
4 anteak	2 bycicile	1 clandar	3 concquense
4 anteque	1 bycle	1 calunder	2 conciqunce
3 antec	1 bucycle		2 cencequence
2 antiek	1 bycycle		2 conciquence
2 antiet	1 bicicyle		1 conscience
1 abtek	1 bycikle		1 conseze
1 anteic	1 bycicel		1 comequen
1 anteeck	1 bycyciles		1 consequemce
1 aintice	1 bycyle		1 cosequunce
1 anteick			1 consecense
1 anteec			1 consequense
1 antiquee			1 consquience
1 antuege			1 consciquence
1 anteuque			1 consiquence
1 antiec			1 consequenc
1 anticue			1 consiquences
1 anteik			1 concequents
1 antiege			1 consiquent
1 antiuce			1 concucent
1 antike			1 conquience
1 antiect			1 conciciquents
1 anti			1 consigqeunce
1 antucue			1 concequens
			1 concquence
			1 comqunce

21. [illegible]	22. [illegible]	23. [illegible]	24. [illegible]
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57 disease

15 desease
3 decease
3 dicase
2 dezease
2 desiese
2 deises
1 diseise
1 dease
1 deaseaze
1 disese
1 desise
1 dicease
1 des
1 doseise
1 desoave
1 diseace
1 dissease
1 desieze
1 deases
1 deasease
1 deciese

53 fatigue

3 fatig
5 fatige
2 fatiege
2 fateague
2 fatuege
2 fatiaque
2 fatque
2 fatiuge
2 fatuge
1 fateck
1 futing
1 fatiquie
1 fateige
1 fatege
1 fatege
1 fetie
1 fatue
1 fatague
1 futige
1 fateeg
1 fatgue
1 phateg
1 fateque
1 fateage
1 feteauge
1 fat
1 fute
1 Fatighue
1 fatead
1 fateg
1 fiteuge
1 fytig
1 flauge

49 foreigners

6 foriegners
3 forigners
3 foreignors
2 forgieners
2 foreniers
2 foreigner
2 foreners
2 foigieners
1 foriner
1 forneries
1 foreginers
1 forniers
1 forginers
1 foryiners
1 foreiners
1 forneg
1 forners
1 forgeiners
1 forigeneirs
1 forienger
1 forgeniers
1 foriegns
1 forigners
1 fornours
1 foreignor
1 foeigner
1 foraigners
1 foreigneers
1 forigers
1 foregnier
1 forgneir
1 forngers
1 foriegnors
1 forignurs
1 forginaire
1 foriegn
1 forenigeer
1 foriegn
1 forenors

83 grease

6 greece
3 greese
3 greas
2 greace
1 guse
1 grece

37. Ulmen	38. Ortsnamen	39. Forstnamen	40. Personen
15 Gartens	2 Fatig	6 Forstnamen	7 Personen
7 Gutsrev	2 Grüge	3 Forstnamen	3 Personen
7 Linden	2 Kaiserg	3 Forstnamen	3 Leute
7 Gemeinde	2 Fatscheg	3 Forstgemeinde	3 Personen
6 Gemeinde	2 Gemeinde	3 Forstgemeinde	1 Leute
5 Gutsrev	2 Kaiserg	3 Forstnamen	1 Leute
5 Linden	2 Fatscheg	3 Forstgemeinde	
4 Gemeinde	2 Fatsche	3 Forstnamen	
4 Gutsrev	2 Fatsche	3 Forstgemeinde	
4 Gemeinde	2 Fatsche	3 Forstgemeinde	
4 Gemeinde	2 Fatsche	3 Forstnamen

26 isthmus	42 nonsense	40 resources	81 science
14 isthmas	37 nonsence	21 resourses	11 sience
6 ismas	6 noncsense	13 resorces	2 siance
5 istmus	2 noncense	7 resorses	2 sciences
3 ishmas	2 nonsens	3 recorces	1 scines
2 ithmus	1 nonsence	2 recourses	1 seeince
2 isamus	1 nones	1 resores	1 sicense
2 ismus	1 nusence	1 resorese	1 sinence
2 ismis	1 nonscience	1 resoureas	1 siciince
1 isamas	1 nonseince	1 resource	1 sciance
1 ismess	1 nonscence	1 resorceses	1 scence
1 ysmas	1 nosenses	1 resorts	1 scince
1 esimus	1 nonesance	1 resortes	
1 ismuse	1 nonsince	1 resours	
1 ithmes	1 nonscense	1 rassorese	
1 ismisth	1 noneance	1 recources	
1 ismastis	1 nonnence	1 recorses	
1 isthem		1 reace	
1 ismass			
1 isthamus			
1 ismuse			
1 isthumus			
1 isthumas			
1 isshmass			
1 ismu			
1 isthimas			
1 issmass			
1 ismuse			
1 ysthmus			
1 Ismass			

44 secrecy	53 sensible	62 vehicle	50 vicinity
6 secretcy	13 sencible	9 vehickle	7 vecenty
6 secresy	4 senseble	3 vehical	4 vecinity
6 seoracy	4 senseable	2 vehicycle	2 vicinty
2 secreasy	4 senceable	1 veicle	2 vicinaty
1 seskruce	4 sensable	1 vehicicle	2 visinity
1 secret	2 senciable	1 vecitle	1 vasinatie
1 seoracie	2 censible	1 veicul	1 vicenity
1 secretecy	1 senseible	1 vechible	1 vicinite
1 sectery	1 sencuble	1 vechile	1 viscinity
1 cearce	1 scensebule	1 vihicle	1 vivinate
1 seeckercy	1 sencable	1 vihicble	1 vescinaty
1 sectruse	1 seinceble	1 vihicycle	1 vesinity
1 secretcie	1 seniable	1 veilbal	1 viscinty
1 secrec	1 senisle	1 vicicle	1 vesenity
1 seretarcy	1 senible	1 veihcle	1 viciety
1 seocrcery	1 senscbal	1 vehiecle	1 vicinicy
1 securse	1 senseible	1 veirhcle	1 vecenaty
1 secreacy	1 sintible	1 vickichle	1 viacinity
1 secretrey	1 senceable	1 vicycle	1 vicncy
1 secretse	1 sensibile	1 vehicyle	1 vescinity
1 seoeracy	1 sencable	1 veicle	1 vicicncy
1 seccctec	1 sencesible	1 veual	1 viscenity
1 segnesy	1 snsible	1 veyicle	1 vacinity
1 sorecy	1 senable	1 vihicel	1 vincinity
1 sicercy		1 veicyle	1 vicinniaty
1 seretecy		1 vehickly	1 vincenty
1 secretrecy		1 vecile	1 vacenaty
1 ceoracey		1 viacyle	1 vasinece
1 secery		1 veihicle	
1 secrasy		1 vihicly	
1 seccarey		1 vycicle	
1 secrasz		1 vichical	
1 secretscy		1 vecial	
1 sereacy			
1 secretacy			
1 seccrasy			
1 secretasy			
1 seoreccy			
1 seccracey			
1 secratcsy			
1 seorese			
1 secrecy			

89 counterfeit	78 dessert	65 digestible	143 immense
61 counterfit	124 desert	89 digestable	19 immence
39 counterfiet	3 deseart	16 digestiable	13 imense
7 conterfit	2 desart	5 dijestable	6 emmense
5 counterfet	2 disert	4 degistable	6 emence
2 counirfeit	1 decert	3 dijestible	6 emense
2 conterfeit	1 dirsert	2 digestibale	3 emmence
1 conterfiet	1 desoret	2 dejestable	3 imence
1 countefit	1 deseret	1 degestibal	1 emance
1 counterfaet	1 desirt	1 degestible	1 emanse
1 counterfaet	1 dessart	1 degiestable	1 emanch
1 counterfeight	1 desirte	1 degistiable	1 emeance
1 counterfied	1 diseart	1 dejceible	1 emenous
	1 dissert	1 dejestible	1 emince
		1 destolbal	1 emmince
		1 diegestiable	1 emminse
		1 digessed	1 emmest
		1 digestibable	1 enunse
		1 degestible	1 iments
		1 digestibul	1 imince
		1 digisible	1 iminse
		1 digestball	1 immeases
		1 digistible	1 immese
		1 digestibly	1 immens
		1 digustable	1 immemse
		1 digestubel	
		1 dijustible	
		1 dijustable	
		1 dijustiable	
		1 disegisabile	
		1 dogestable	

26. [illegible]	27. [illegible]	28. [illegible]	29. [illegible]
6 [illegible]	24 [illegible]	8 [illegible]	12 [illegible]
10 [illegible]	3 [illegible]	15 [illegible]	11 [illegible]
7 [illegible]	2 [illegible]	2 [illegible]	6 [illegible]
3 [illegible]	2 [illegible]	4 [illegible]	6 [illegible]
2 [illegible]	1 [illegible]	3 [illegible]	6 [illegible]
6 [illegible]	1 [illegible]	5 [illegible]	5 [illegible]
7 [illegible]	1 [illegible]	2 [illegible]	3 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]
		1 [illegible]	1 [illegible]
		1 [illegible]	1 [illegible]

103 leopard	125 marmalade	87 millionaire
29 lepard	35 marmolade	36 millionair
19 leapard	10 marmelade	35 millionare
15 leapord	7 marmalaid	5 millionheir
14 lepord	6 maralade	5 millinare
8 leppard	3 marmlade	4 milloniare
7 leperd	2 marmulade	3 millionar
4 leopord	2 marabade	3 millonare
3 leoperd	1 marlade	3 millonaire
3 lepoard	1 marbleade	3 millionier
3 leporad	1 marmlad	2 millonaire
1 lapord	1 marmaled	2 millioneire
1 leaparde	1 marmalayed	2 millionere
1 leapored	1 marmilaid	2 millonar
1 lepar	1 marmorlade	2 millionarie
1 lepeord	1 mamalade	2 milliner
1 lephard	1 marmelaid	2 millioniar
1 lepor	1 marmalaied	1 mileniare
1 leppared	1 marmerlade	1 mellionadire
1 leppared	1 maromalade	1 millionars
1 leppaird	1 momelade	1 milleonare
1 lepward	1 monilade	1 milionier
1 lipard	1 moranlade	1 millinare
1 lippard	1 morelead	1 millianiare
1 lipperd	1 mumelaid	1 minenare
1 lepored	1 mormliged	1 mullyonare
1 lepared	1 momilade	1 melioniar
	1 marmlades	1 millyounare
	1 marmilade	1 milloniar
	1 marmorlaid	1 millioneir

101. Legend	102. measurable	103. milliamperes
99 legend	35 measurable	36 milliamperes
16 legend	10 measurable	45 milliamperes
15 legend	7 measurable	3 milliohmeter
14 legend	6 measurable	3 milliamperes
8 legend	5 measurable	4 milliamperes
7 legend	5 measurable	3 milliamperes
6 legend	5 measurable	3 milliamperes
3 legend	3 measurable	3 milliamperes
3 legend	3 measurable	3 milliameter
3 legend	3 measurable	2 milliamperes
3 legend	3 measurable	2 milliamperes
3 legend	3 measurable	2 milliamperes

38 mucilage

30 musilage
12 muscilage
11 muslage
10 musalage
6 muselage
4 muscelage
4 muscilage
3 musciledge
8 musilige
7 mucilege
5 musulage
4 muculage
3 mucilige
3 musledge
2 muchlege
2 muchilage
2 muscillage
2 muscalge
2 musilege
2 musilidge
2 musciliege
2 musslage
2 musiladge
2 museleage
2 museledge
2 mussilige
2 musulage
1 mucalige
1 mucelege
1 mucelage
1 mucialage
1 muciliage
1 mucilig
1 mucliage
1 muesalage
1 muesolige
1 muliche
1 musiloge
1 musaledge
1 musalege
1 musclige
1 muscelige
1 muscialage
1 muchelage
1 musslege
1 musslage
1 mussilage
1 mussalege
1 musolege
1 muislage
1 musliage
1 musulages
1 musuliage
1 musiclague
1 musimege
1 musclege
1 muselidge
1 museliage
1 muselig
1 muscilge
1 mushiage
1 musiclage
1 musiclige
1 musilig
1 muslade
1 muslidge

122 orchestra

18 orchastra
6 orchester
5 orchrestra
4 orchesta
2 orcestar
2 orkestra
2 orchresta
1 orchratre
1 orachestra
1 orachart
1 orcastra
1 orchasta
1 orcharsta
1 orchastare
1 orcharstra
1 orcharistor
1 orcharstar
1 orchastry
1 orcharster
1 orchaster
1 orchastrie
1 orchestria
1 orcherster
1 orchestery
1 orchistra
1 orchorcha
1 orcherater
1 orchersta
1 orchrescha
1 orchros
1 orchustra
1 orcraster
1 organtra
1 orghestar
1 orgestra
1 orgrestra
1 orkestry
1 orkstra
1 orquester
1 orquastur
1 orquestra
1 orstrica
1 astura

36 parliament

64 parliment
50 parlament
19 parlement
4 paralement
4 parliement
3 parllament
2 parlment
2 parallament
2 paraliment
2 parlimment
2 parelement
1 pairlemant
1 palorment
1 paralement
1 paralment
1 pariment
1 parlamint
1 parlamount
1 parlimant
1 parlimiant
1 parloment
1 parlamant
1 parlimenat
1 parlaiment
1 parlemant
1 parolment
1 aprlarment
1 parlliment
1 parllemence
1 perlaiment
1 perliment
1 plarment

1	monologue	1	monologue	1	parliament
1	monologue	1	monologue	1	parliament
1	monologue	1	monologue	1	parliament

129 perceived

38 percieved
5 perceed
5 persieved
5 persived
5 preceived
5 precieved
4 perceved
4 perscieped
4 perseived
2 perseaved
2 percived
1 perceefed
1 perceve
1 perseevied
1 perecived
1 perseved
1 persicived
1 preceeds
1 precided
1 prescived
1 purseive
1 pursived

81 possess

40 posess
36 posses
19 pocess
5 possese
3 possessed
2 poccess
2 poses
2 posscess
1 pocsess
1 posese
1 possed
1 poscess
1 possesses
1 posse
1 possive
1 pozess
1 profess
1 prossess
1 prosses

82 precipice

6 percipice
6 precipess
6 presipice
5 precipis
5 prescipice
5 precipes
5 presipes
4 precipese
4 precipic
4 precipise
4 percipice
4 presipice
3 presipess
3 presipace
3 precipace
3 presipis
2 percipes
2 precipiece
2 precepess
2 presepus
2 prespice
2 pressipes
2 prespess
2 precipies
2 precipous
1 percipice
1 pericipice
1 precipus
1 precipace
1 precepis
1 precipiss
1 precpase
1 precespice
1 preceipt
1 preciepice
1 precipic
1 precepcious
1 precipe
1 precipas
1 precpcice
1 prespas
1 prespidise
1 presippis
1 presipices
1 prespiece
1 presicipus
1 prescipis
1 prespes
1 presopice
1 pressipice
1 presspesed
1 pressipest
1 pripicis
1 pressifs
1 presocipes
1 priscipes
1 pressipess
1 precipes
1 presapits
1 presapice
1 presapess
1 presapice
1 presipess
1 presepice
1 presfice
1 prespar
1 prespuce
1 prespicies
1 prespice

120 parolaval	81 paesaggio	27 preziosi
72 parolavi	40 paesaggi	6 preziosi
3 parevano	36 paesaggio	6 preziosa
3 parevano	17 paesaggio	6 preziosi
3 parlavano	3 paesaggio	3 preziosi
3 preferivano	3 paesaggiano	3 preziosi
3 preziosi	3 paesaggio	1 preziosissimo
3 preziosi	3 paesaggi	1 preziosissimo
4 parevano	3 paesaggi	1 preziosissimo
1 parevano	3 paesaggi	1 preziosissimo
4 parlavano	1 paesaggi	1 preziosissimo
3 parlavano	1 paesaggi	1 preziosissimo
3 preferivano	1 paesaggi	1 preziosissimo
3 preziosi	1 paesaggi	1 preziosissimo
1 preferisci	1 paesaggi	1 preziosissimo
1 preferite	1 paesaggi	1 preziosissimo
1 preferite	1 paesaggi	1 preziosissimo
1 preferivano	1 paesaggi	1 preziosissimo
1 preferivano	1 paesaggi	1 preziosissimo
1 preferivano

108 recommended	104 resemblance	62 restaurant	112 seized
25 recomended	33 resemblence	43 resturant	45 siezed
25 recommend	30 recelemblence	13 restraunt	14 ceased
14 reccomended	6 recemblence	10 resturaunt	7 sized
8 reccommended	3 resembles	6 restuarant	6 ceised
4 reccomend	2 ressemblance	6 restrant	3 seezed
4 recomend	2 resamblance	6 restaurent	2 ceized
2 recomented	2 ressemblens	5 restaraunt	2 seazed
2 recumended	2 resemblense	5 restaurent	2 seised
2 recemended	2 resembelence	5 restruent	1 ceighed
1 reckimended	1 recemblance	4 restarant	1 cesed
1 reckmended	1 reémenles	4 resturent	1 diseased
1 recmanded	1 recemblance	3 restarunt	1 scized
1 recommanded	1 remselblents	3 restuarnt	1 sceized
1 recomened	1 relemble	2 reasteruant	1 seizeed
1 recoquemended	1 remembelence	2 ressatint	1 seised
	1 resembance	2 restairent	1 sceised
	1 resemblens	2 restorant	1 sceived
	1 resemblenses	2 restauant	1 seased
	1 resembledence	2 restruant	1 sciezed
	1 resembleance	2 restrurant	1 seighed
	1 resemplas	2 resaurant	1 sezied
	1 resembuless	1 reausturant	1 sizied
	1 resemblemense	1 teastruant	1 sezed
	1 resemble	1 retarant	1 sissedd
	1 resemanzes	1 restaunt	
	1 resemblince	1 resteraunt	
	1 resimblence	1 restrumant	
	1 resimblance	1 restruerant	
	1 reslamence	1 restrantant	
	1 rezamblance	1 resteruant	
	1 rezemblabce	1 restreant	
		1 restrond	
		1 restrauant	
		1 resturante	
		1 resturent	
		1 reustrant	

[illegible]	1
[illegible]	1
[illegible]	1

123	superintendent
20	superintendant
6	supertendent
6	superentendent
3	superentendant
3	superntendent
3	superentinted
3	suprentendent
2	superutendant
2	superintend
2	superindentent
2	supperintendent
2	suprintendent
2	seurententant
1	sumentdented
1	supentenand
1	superentendiant
1	superentended
1	superment
1	superentented
1	superentendant
1	supenendent
1	superiententent
1	superdendent
1	superantent
1	superdentant
1	superendent
1	separatenant
1	separentenant
1	superientendent
1	superuments
1	supentendant
1	superintintend
1	superintindit
1	superintended
1	supertendon
1	superintedent
1	supertindent
1	supertintant
1	suprement
1	supintenand
1	supirintindint
1	suppreitendent
1	supperentanted
1	suppertindent
1	supperutindent
1	supretendant
1	supperent
1	suprintendent
1	suspertenant

160	surgeon
8	surgen
3	sergean
3	sergon
3	surgent
3	surgion
3	surgon
2	sergant
2	sugen
2	sergeon
2	suergon
2	sergion
2	suregon
1	seergant
1	seurgon
1	sergen
1	seargent
1	serguen
1	seorgeon
1	serigon
1	sirgon
1	surgeant
1	surgin
1	surgent
1	srugain
1	surgone
1	surgion

88	thoroughly
25	throughly
15	thourghly
8	thourly
8	thouroughly
7	thourally
6	thughly
3	thourghly
3	throualy
2	thourchly
2	throughtly
2	thourghally
2	thorouly
2	thourgly
2	thorually
2	thouroughty
2	thouruly
2	thurelly
1	thealley
1	theroly
1	throuly
1	thoroly
1	thourouly
1	thourhally
1	thourty
1	througholy
1	throully
1	thurely
1	thuroughly

1.7.7 [illegible]	1.8. [illegible]	8. [illegible]
90 [illegible]	1 [illegible]	23 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1 [illegible]
1 [illegible]	1 [illegible]	1

Table S - II.

Showing the number of times each word was spelled correctly; the number of times each word was omitted; and the number of times each word was spelled incorrectly (misspelled) by the pupils of the given grade. Also the per cents each of these numbers are of the number of pupils tested in each grade for that word.
The number of ways each word was misspelled and the number of forms occurring but once for each word misspelled are shown.

Grade Two (214 Pupils.)

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
very	44	21	89	42	81	37	49	42
or	79	37	74	35	61	28	36	28
thank	42	20	88	41	84	39	68	56
dear	56	26	78	37	80	37	42	36
west	60	28	72	34	82	38	44	35
sold	77	36	69	32	68	32	50	38
told	77	36	66	31	71	33	46	40
best	68	32	68	32	78	36	47	43
form	62	29	75	35	77	36	46	36
far	57	27	82	38	75	35	41	33
gave	54	25	76	36	84	39	44	35
alike	52	24	77	36	85	40	52	43
add	31	14	67	32	116	54	39	31
brave	31	14	83	39	100	47	63	51
corn	57	27	80	37	77	36	49	38
dance	16	7	83	39	115	54	53	39
dinner	26	12	79	37	109	51	64	52
egg	43	20	78	36	93	44	46	36
looks	74	35	74	35	66	30	51	42
rich	48	22	83	39	83	39	58	45

This table is read as follows :- 44 pupils spelled the word "very" correctly; this is 21 per cent of the group of 214 pupils. 89 pupils omitted the word "very"; this is 42 per cent of the group. 81 pupils misspelled the word "very"; this is 37 per cent of group. The word"very" was misspelled in 49 different ways. 42 of these ways appeared but once.

The words of the other grades follow just as above.

Table 3 - II.

Showing the number of times each word was spelled correctly, the number of times each word was misspelled; and the number of times each word was spelled incorrectly (misspelled) by the pupils of the given grade. Also the per cents each of these numbers is of the number of pupils tested in each grade for that word.

The number of boys each word was misspelled and the number of times correctly but once for each word misspelled are shown.

Grade Two (213 Pupils.)

Word.	No. of times spelled right.	No. of times spelled wrong.	No. of times spelled incorrectly.	No. of boys spelled wrong.	No. of times misspelled.	No. of times spelled wrong.	No. of times misspelled.	No. of times spelled wrong.	No. of times misspelled.
very	44	41	37	42	21	37	45	21	[illegible]
or	15	27	74	22	13	26	[illegible]	25	[illegible]
large	45	24	50	41	14	22	4	22	[illegible]
door	45	25	50	27	18	27	42	24	[illegible]
work	51	28	49	24	13	25	44	24	[illegible]
mild	17	25	59	24	12	25	13	24	[illegible]
hold	17	24	59	21	11	23	14	24	[illegible]
head	19	24	59	21	11	23	12	24	[illegible]
from	21	23	57	17	11	18	12	24	[illegible]
[illegible]	27	27	50	18	13	15	12	21	[illegible]
[illegible]	32	23	53	16	10	20	14	23	[illegible]
[illegible]	32	22	[illegible]	22	[illegible]	20	[illegible]	23	[illegible]
[illegible]	31	14	[illegible]	21	10	21	[illegible]	23	[illegible]
[illegible]	31	11	[illegible]	21	10	19	[illegible]	23	[illegible]
[illegible]	31	27	42	21	11	14	12	23	[illegible]
[illegible]	10	7	68	22	10	12	12	23	[illegible]
[illegible]	20	12	77	22	10	21	14	23	[illegible]
[illegible]	21	20	67	22	10	22	12	23	[illegible]
[illegible]	22	22	61	25	10	20	11	23	[illegible]
[illegible]	23	22	63	25	10	20	11	23	[illegible]

This table is read as follows:- 41 pupils spelled the word "very" correctly; this is 37 per cent of the group of 213 pupils. 37 pupils misspelled the word "very"; this is 42 per cent of the group. 21 pupils misspelled the word "very"; this is 17 per cent of the group. The "very" was misspelled in 37 different ways.

[illegible]

Third Grade (209 Pupils.)

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
third	117	56	20	10	72	34	35	27
push	92	44	26	12	91	44	42	34
point	69	33	32	15	108	52	46	35
within	129	62	24	11	56	27	39	28
done	59	28	31	15	119	57	31	22
body	71	34	40	19	98	47	64	52
belongs	91	44	25	12	93	44	41	31
cheese	55	26	26	12	128	62	54	42
earn	24	11	45	22	140	67	72	51
feather	28	13	29	14	152	73	60	47
fence	56	27	27	13	126	60	57	43
honey	29	14	37	18	143	68	65	50
letter	100	48	27	13	82	39	54	44
orange	39	19	35	17	135	64	84	70
pocket	35	17	44	21	130	62	74	57
shoes	63	30	26	12	120	58	51	36
stairs	36	17	36	17	137	66	48	29
stream	27	13	33	16	149	71	64	48
tiny	74	35	27	13	108	52	43	34
words	101	48	27	13	81	39	58	52

Bluff Creek - (Dry Tributs.)

Species.	No. of marks.	Per cent marks.	No. of marks with gills.	Per cent marks with gills.	No. of marks with gills.	Per cent marks with gills.	No. of marks with gills.	Per cent marks with gills.	No. of marks with gills.	Per cent marks with gills.
Minnow.	117	36	6	10	73	34	31	27		
Dace	64	26	26	12	47	22	45	34		
Sculpin.	60	12	36	15	105	32	46	37		
Minnows	125	34	68	31	36	17	29	23		
Dace	30	18	37	32	119	37	37	22		
Sculpin	71	19	40	17	92	47	34	32		
Sculpin	47	44	25	16	91	44	41	32		
Minnow	35	26	29	12	158	30	34	32		
Dace	24	11	47	22	140	27	17	32		
Sculpin	32	15	27	14	124	35	25	42		
Dace	24	27	27	17	124	36	27	27		
Sculpin	37	34	10	10	149	28	34	29		
Lamprey	108	49	17	13	86	22	34	34		
Sculpin	35	15	32	17	137	34	34	34		
Sculpin	35	17	4	21	130	35	34	34		
Minnow	21	21	26	15	128	28	27	32		
Sculpin	24	17	32	17	137	36	28	34		
Minnow	27	17	32	16	140	37	28	34		
Sculpin	24	25	32	13	108	34	28	34		
Sculpin	101	49	17	13	81	34	35	34		

Fourth Grade (221 Pupils.)

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
needle	119	54	29	13	73	33	45	37
nobody	147	67	31	14	43	19	28	22
oar	44	20	34	15	143	65	28	19
palace	77	35	33	15	111	50	65	51
penny	91	41	32	14	98	45	23	14
pitcher	55	25	28	13	138	62	46	32
regular	38	17	48	22	135	61	96	83
repeats	77	35	29	13	115	52	57	41
reprove	109	49	38	17	74	34	46	36
sailor	80	36	29	13	112	51	59	50
sentence	64	29	30	14	127	57	74	58
shining	108	49	34	15	79	36	29	23
surface	48	22	42	19	131	59	82	60
sweeping	78	35	48	22	95	43	49	39
sweeps	87	39	37	17	97	44	51	39
thief	44	20	35	16	142	64	54	41
waist	59	27	27	12	135	61	36	27
waiting	87	39	30	14	104	47	31	24
weary	65	29	35	16	121	55	68	53
writing	110	50	28	13	83	37	40	31

Trends Study (121 Topics.)

Topic.	No. of words with it.	Per cent with it.	No. of words used quite often.	Per cent quite often.	No. of words also quite appropriate.	Per cent also quite appropriate.	No. of words very with fre-quency of.	Per cent very with fre-quency of.
building	119	34	25	11	72	33	45	47
nobody	147	47	21	19	43	19	25	25
car	64	20	34	15	185	83	20	19
plane	77	35	33	15	111	50	45	21
study	91	41	32	14	96	43	23	14
plumber	35	23	28	12	138	62	46	21
regular	38	17	40	22	133	61	26	83
report	37	34	32	15	119	55	37	81
repair	17	47	28	17	74	44	16	26
sailor	10	34	23	13	116	51	32	30
science	6	22	30	14	127	61	34	30
sister	108	49	34	17	33	30	29	33
teacher	40	22	42	19	141	33	38	30
teaching	73	35	40	22	75	43	49	32
tennis	47	33	31	17	77	44	31	37
thinks	44	20	33	16	140	64	34	41
water	33	27	27	12	133	61	30	27
walking	47	33	32	14	124	47	33	24
money	63	29	33	16	121	33	33	33
work-time	110	34	29	13	83	37	40	31

Fifth Grade (185 Pupils.)

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
dangerous	102	55	10	5	73	40	41	28
debt	84	45	14	8	87	47	32	18
dried	127	69	17	9	41	22	17	13
exercise	70	38	22	12	93	50	57	42
grammar	71	38	16	9	98	53	8	3
Indian	112	60	16	9	57	31	25	21
journey	52	28	20	11	113	61	54	41
laid	118	64	14	8	53	28	14	9
onion	112	61	23	12	50	27	36	30
praise	103	56	18	10	64	34	27	20
properly	123	66	17	10	44	24	28	23
salary	55	30	19	10	111	60	46	34
searched	62	33	22	12	101	55	58	50
smooth	88	48	13	7	84	45	28	22
thirteen	95	51	17	9	73	40	35	25
touch	111	60	17	9	57	31	25	20
towel	84	45	19	10	82	45	34	26
umbrella	73	39	17	9	95	52	50	37
veal	86	47	15	8	84	45	30	21
weapon	85	46	16	9	84	45	36	27

Girls Grade (15? Pupils.)

Subjects	No. of weeks taught	Per cent.	No. of weeks conti-nued	Per cent.	No. of weeks sim-ultan-eously	Per cent.	No. of weeks sepa-rate	Per cent.
Geography	1[illegible]	5[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	4[illegible]	6[illegible]
Hist.	8[illegible]	4[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Drill	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Composition	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Grammar	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Talking	1[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Geometry	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iesa	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cookery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sewing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Arithmetic	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Grammar	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Reading	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Spelling	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Drawing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Drill	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Geography	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hist.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sewing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sixth Grade (185 Pupils.)

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
grocery	107	58	29	16	49	26	34	27
handkerchief	113	61	24	13	48	26	22	15
listened	97	52	27	15	61	33	24	16
loose	143	77	8	4	34	19	11	7
morsel	74	40	30	16	81	44	36	22
nickel	83	45	25	13	77	42	16	11
niece	69	37	26	14	90	49	24	19
pistols	110	60	25	13	50	27	21	14
purchased	73	40	26	14	86	47	47	35
quarrel	93	50	27	15	65	35	29	18
recess	108	59	28	15	49	26	23	17
saucer	82	44	27	15	76	41	43	32
sleigh	86	47	28	15	71	38	28	21
society	83	45	34	18	68	37	42	35
source	71	38	27	15	87	47	30	21
speech	106	57	25	14	54	29	8	6
steak	100	54	27	15	58	31	11	7
telephone	117	63	26	14	42	23	19	15
trolley	89	48	26	14	70	38	21	17
whistle	104	56	31	17	50	27	23	19

Sixth Grade. (193 Pupils.)

Items.	No. of words right.	Per cent.	No. of words wrong.	Per cent.	No. of words omit-ted.	Per cent.	No. of words wrong and omit-ted.	Per cent.
property	107	55	0	0	85	44	85	44
[illegible]	113	58	24	12	56	29	80	41
likewise	97	50	48	25	48	25	96	50
loose	149	77	18	9	26	14	44	23
corral	77	40	30	16	86	44	116	60
model	85	44	45	23	63	33	108	56
alone	89	46	26	13	78	41	104	54
pistols	111	58	25	13	56	29	81	42
professed	73	38	25	13	94	49	119	62
course	91	47	37	19	65	34	102	53
[illegible]	102	53	16	8	75	39	91	47
[illegible]	82	42	47	24	64	33	111	57
[illegible]	86	45	28	14	79	41	107	55
society	83	43	34	18	76	39	110	57
[illegible]	71	37	47	24	75	39	122	63
[illegible]	118	61	25	13	50	26	75	39
[illegible]	110	57	27	14	56	29	83	43
telephone	117	60	26	14	50	26	76	39
[illegible]	98	51	35	18	60	31	95	49
[illegible]	104	54	51	26	38	20	89	46

Seventh Grade (119 Pupils.)

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
elegant	51	43	30	25	38	32	24	18
emperor	59	50	22	18	38	32	24	18
excellent	45	38	38	32	36	30	15	8
grateful	54	45	26	22	39	33	11	7
heir	61	51	31	26	27	23	13	6
hoarse	77	65	22	18	20	17	13	9
icicle	35	29	33	28	51	43	26	17
ignorance	73	61	26	22	20	17	17	15
interfere	36	30	37	31	46	39	15	11
musician	73	61	20	17	26	22	23	21
neutral	15	13	35	29	69	58	23	16
patience	54	45	25	21	40	34	25	18
pigeons	53	45	35	29	31	26	18	12
rehearse	48	41	35	29	36	30	13	9
reverence	62	52	29	24	28	24	14	11
saucy	46	39	43	36	30	25	21	16
siege	61	51	14	12	44	37	17	12
vegetable	57	48	40	34	32	18	10	6
veil	47	40	31	26	41	34	10	5
wretch	52	44	35	29	32	27	15	9

Service Grade I (17 Depts.)

Depts.	No. of width.	Inc. sect. width.	No. of sect. width.	Inc. sect. width.	No. of sect. width.	Inc. sect. width.	No. of sect. width.	Inc. sect. width.
Agriculture	21	43	31	25	21	32	21	1
Commerce	29	28	21	11	23	32	26	1
Constitution	15	38	38	23	26	27	11	
Education	24	47	34	22	29	34	11	
Health	41	31	31	26	27	40	3	
Interior	17	63	22	16	20	17	11	
Justice	25	29	34	28	27	4	21	
Labor	25	61	22	22	20	15	17	
Navy	14	27	31	46	22		2	
Post-Office	15	21	20	17	29	28	2	
State	15	15	33	27	29	31	17	
Treasury	24	42	25	27	40	31	10	
War	25	42	25	21	31	28	11	
Interior	21	47	25	25	28	27	11	
Navy	22	32	29	21	28	27	14	1
Agriculture	19	29	43	35	20	29	21	1
Commerce	21	29	14	12	24	27	17	1
Navy	21	1	29	32	17	17	17	
Post	21	21	29	21	29	21	21	
Interior	32	44	33	29	32	27	15	2

Eighth Grade (107 Pupils).

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
cordially	73	68	4	4	30	28	23	20
character	70	65	2	2	35	33	23	16
separate	73	68	4	4	30	28	5	3
February	85	79	3	3	19	18	9	5
antique	41	38	11	10	55	52	26	18
bicycle	73	68	3	3	31	29	12	8
calendar	71	66	5	5	31	29	5	2
consequence	53	50	6	6	48	44	28	21
disease	57	53	8	7	42	40	21	15
fatigue	53	50	8	7	46	43	33	24
foreigners	49	46	5	5	53	49	39	31
grease	83	78	8	7	16	15	6	2
isthmus	36	34	14	13	57	53	29	21
nonsense	43	40	5	5	59	55	16	12
resources	40	37	9	9	58	54	17	12
science	81	75	3	3	23	22	11	8
secrecy	44	41	5	5	58	54	42	38
sensible	53	50	4	4	50	46	24	17
vehicle	62	58	1	1	44	41	34	30
vicinity	50	47	17	16	40	37	28	23

-Sixth Grade- (107 Lessons).

Words.	Sa. of words used.	Ser. words used.	Sa. of words mis-spell-ed.	Ser. words used mis-spell-ed.	Sa. of words spelt wrong.	Ser. words used spelt wrong.
medicinal	73	65	1	4	30	25
elsewhere	70	60	5	5	35	25
physics	75	60	4	4	30	20
history	85	75	4	3	10	10
antique	41	30	17	10	35	30
bicycle	75	65	3	3	37	25
salaried	71	64	3	3	27	25
correspondence	35	30	5	5	45	28
disease	37	33	8	7	45	31
traffic	31	30	8	7	45	35
Sweet Briar	47	46	3	3	39	45
grease	85	70	5	7	15	15
lifting	30	34	16	13	37	35
microscope	45	41	3	3	30	35
treasure	40	37	4	4	30	34
widow	27	25	3	3	23	25
recover	44	47	3	3	30	34
unreliable	25	30	4	4	30	25
vehicle	52	34	1	1	44	47
vicinity	50	47	17	16	40	37

Ninth Grade (230 Pupils.)

Words.	No. of words right.	Per cent right.	No. of words omitted.	Per cent omitted.	No. of words misspelled.	Per cent misspelled.	No. of ways misspelled.	No. of ways with frequency of one.
counterfeit	89	39	89	39	122	52	12	6
dessert	72	31	18	8	140	61	13	9
digestible	65	28	21	9	144	63	30	23
immense	143	62	14	6	73	32	24	17
leopard	103	45	7	3	120	52	26	16
marmalade	125	54	18	8	87	38	29	22
millionaire	87	38	19	8	124	54	29	13
mucilage	38	17	6	3	186	80	66	39
orchestra	122	53	33	14	75	33	43	36
parliament	36	16	19	8	175	76	32	21
perceived	129	56	11	5	90	39	22	12
possess	81	35	29	13	120	52	19	11
precipice	82	36	16	7	132	57	69	44
recommended	108	47	9	4	113	49	15	6
resemblance	104	45	22	10	104	45	31	22
restaurant	62	27	24	10	144	63	36	15
seized	112	49	21	9	97	42	24	16
superintendent	123	53	15	7	92	40	49	36
surgeon	160	70	21	9	49	21	26	14
thoroughly	88	38	39	17	103	45	28	11

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